MISSOURI BOTANICAL GARDEN

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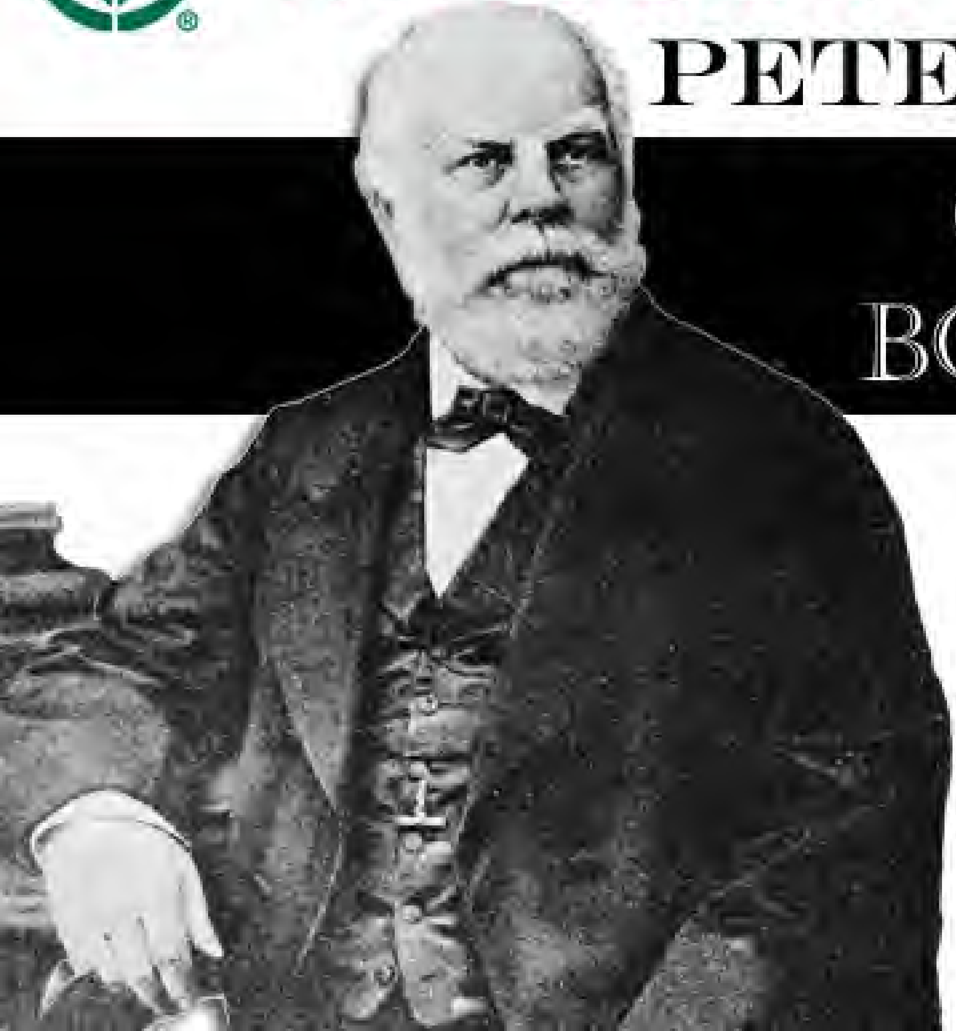
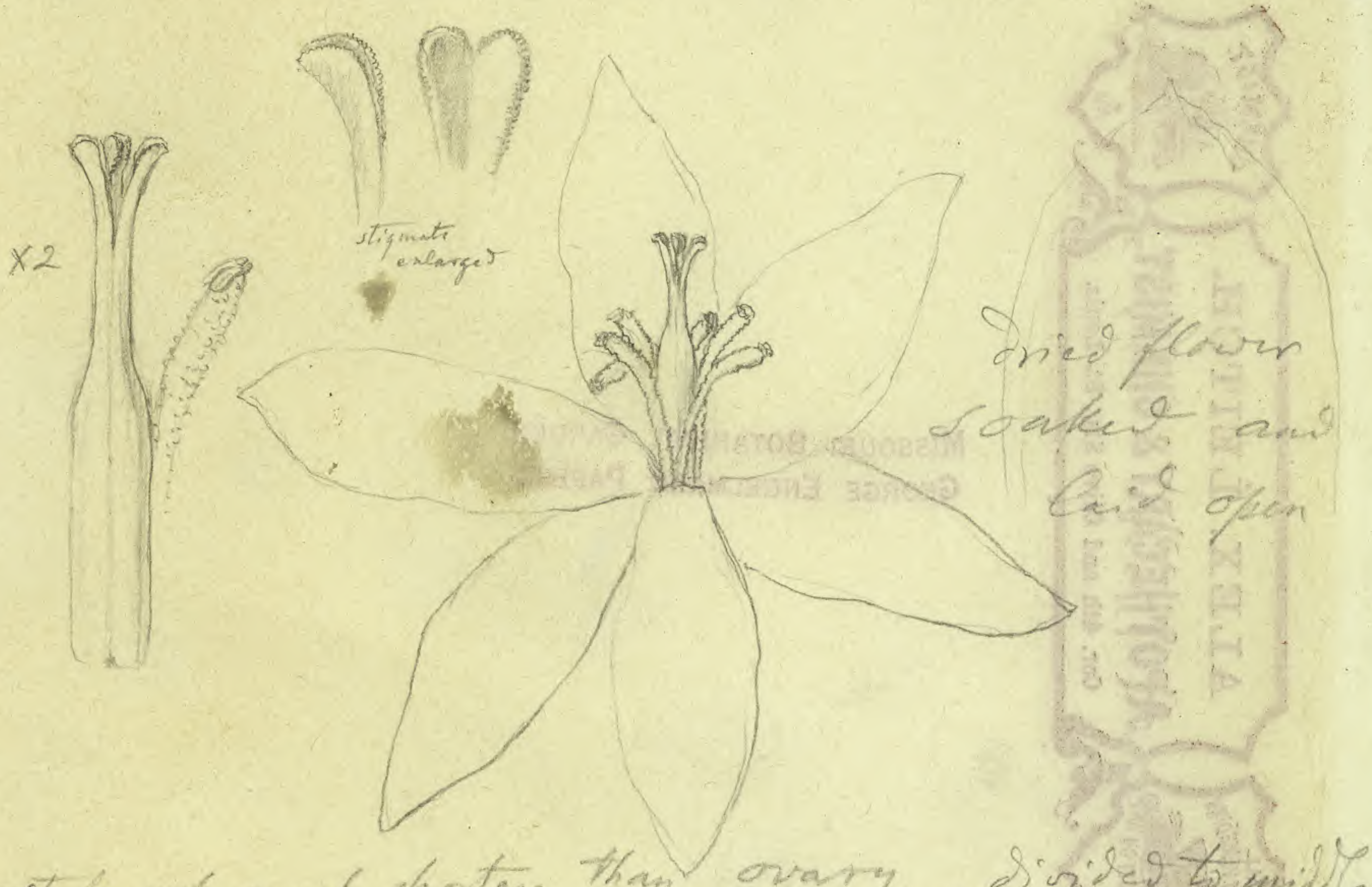


GEORGE ENGELMANN BOTANICAL NOTEBOOKS

Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

Yucca filamentosa ! Oct 30 1870

Aiken S. C. H. W. Ravenel mis



style not much shorter than ovary, divided to middle branches flattened out upwards dilated and half folded

filaments reaching to the base of divisions of style, much longer than ovary — at last refracted

0 1 2 3 4 5 6 7 8 9 10
cm
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MISSOURI BOTANICAL GARDEN

8759

CHEMIST

A

ALEX. LEITCH,

APOTHECARY & CHEMIST,

Cor. 4th and Olive Sts., St. Louis.

ALL THE NEW REMEDIES CONSTANTLY ON HAND

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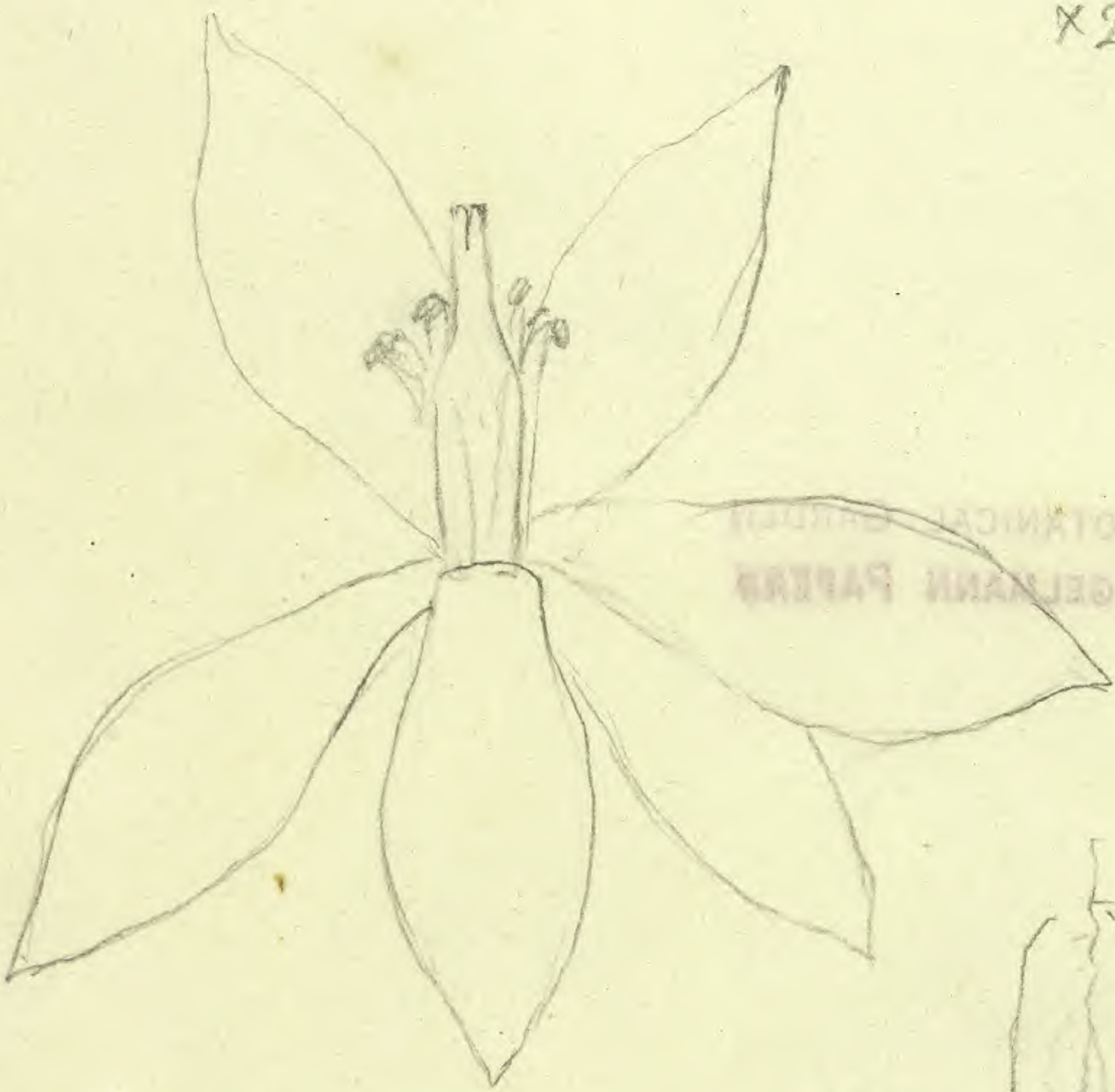
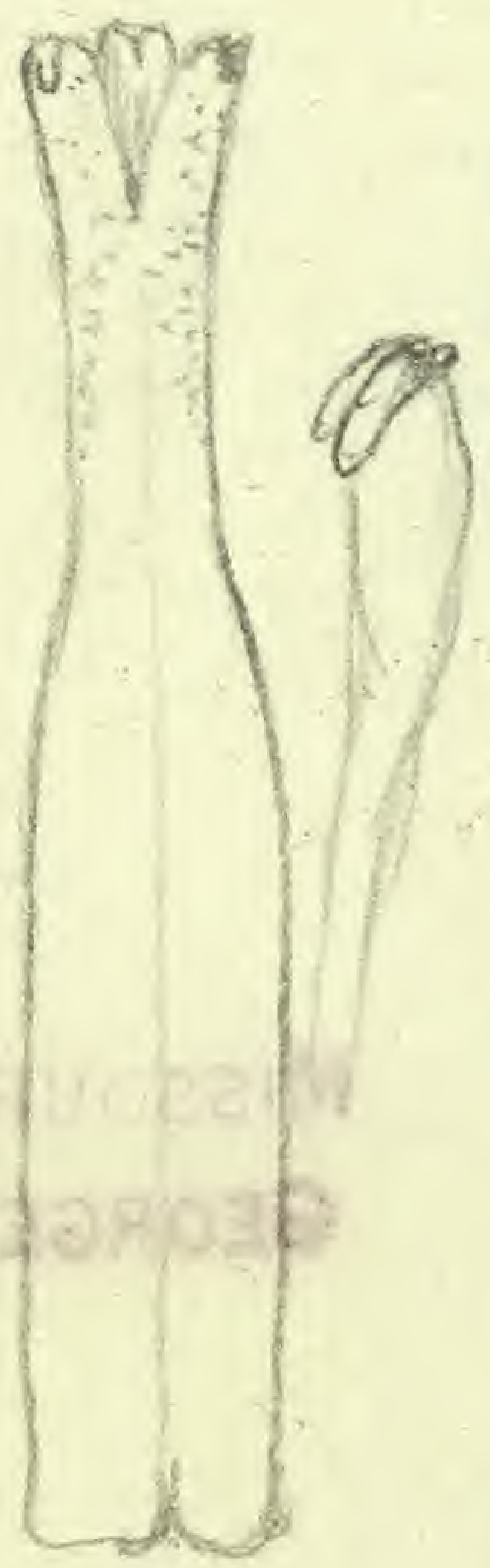
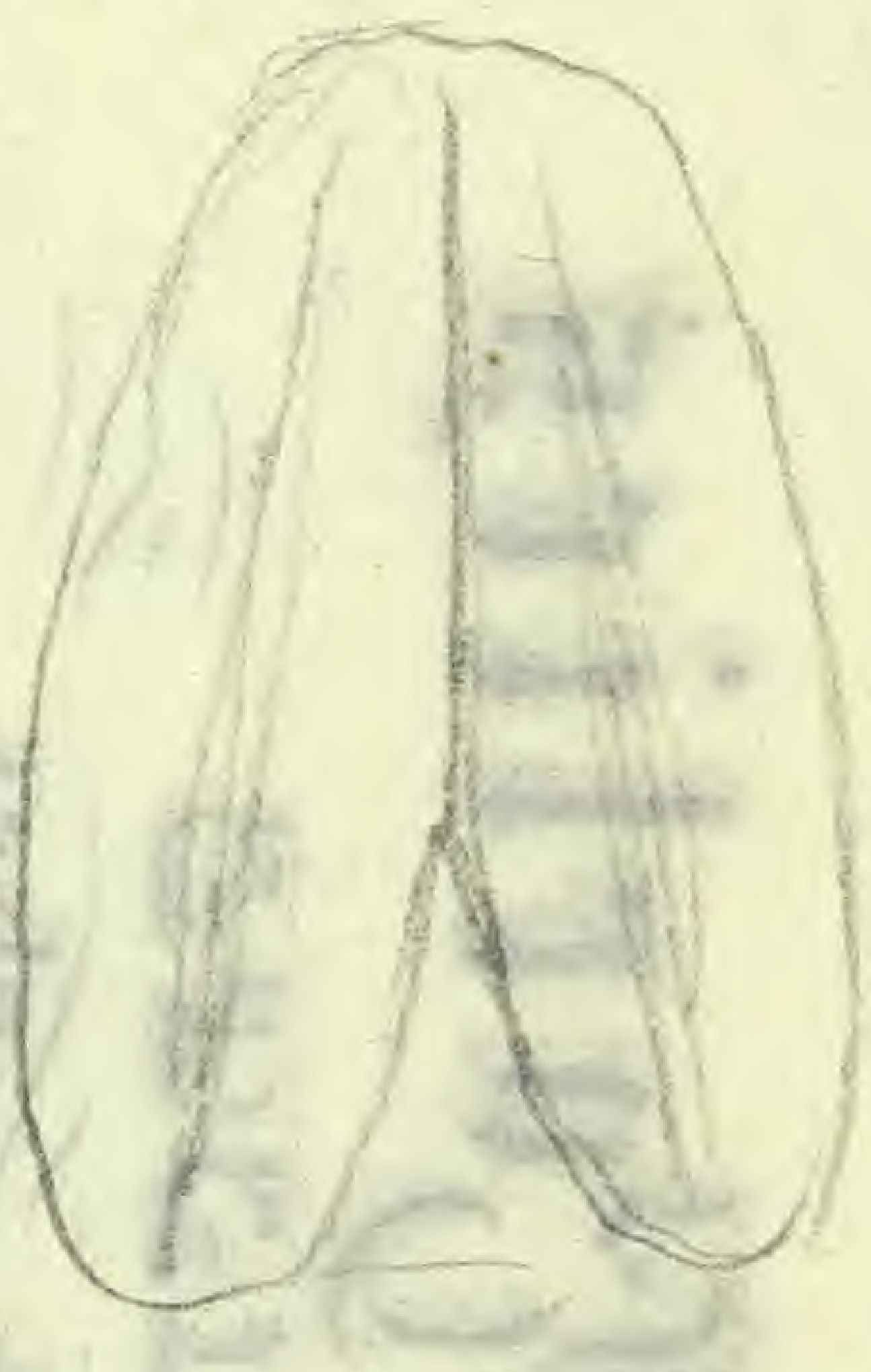
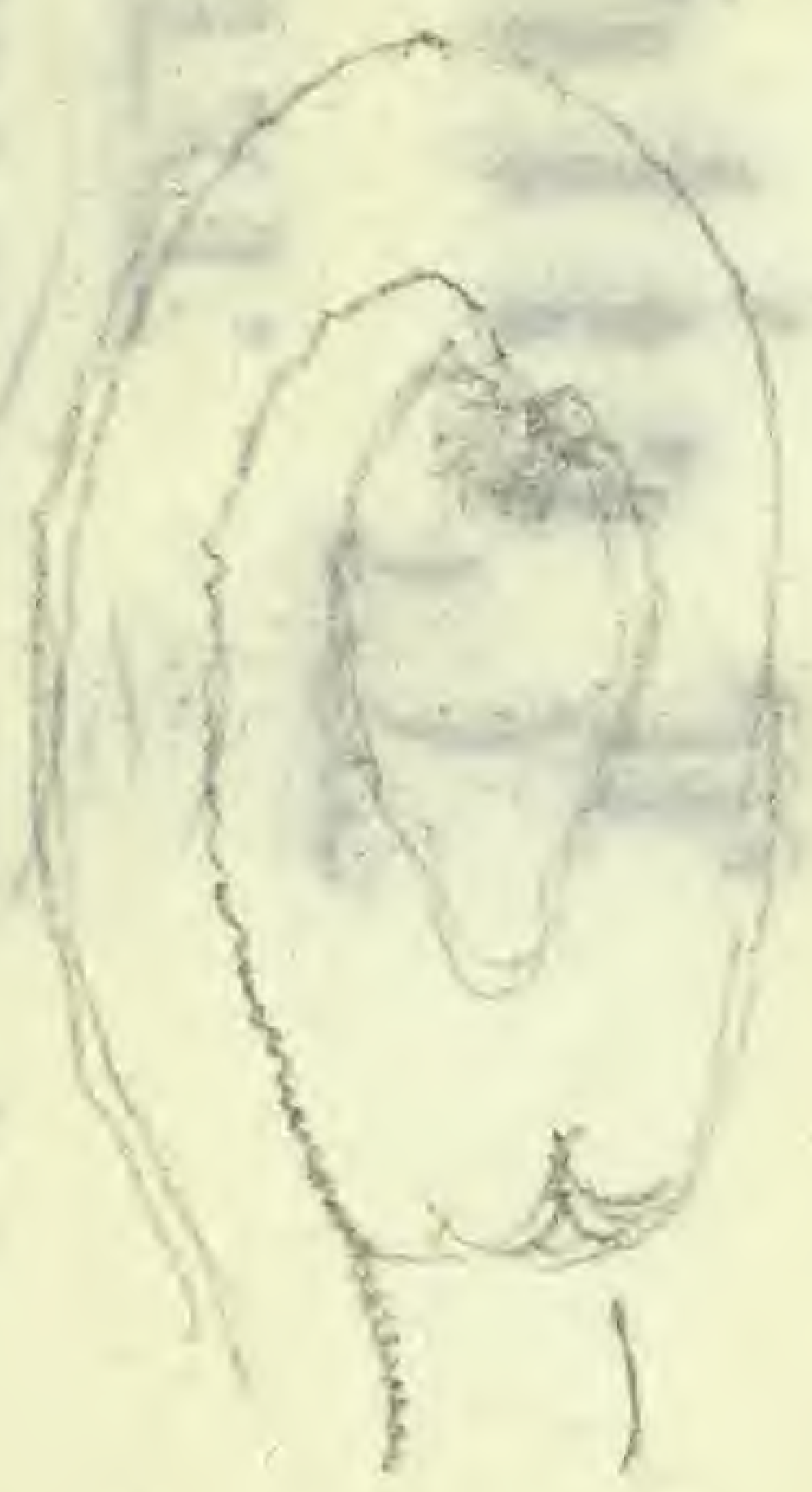
"Y. filamentosa" Jan 18 1871

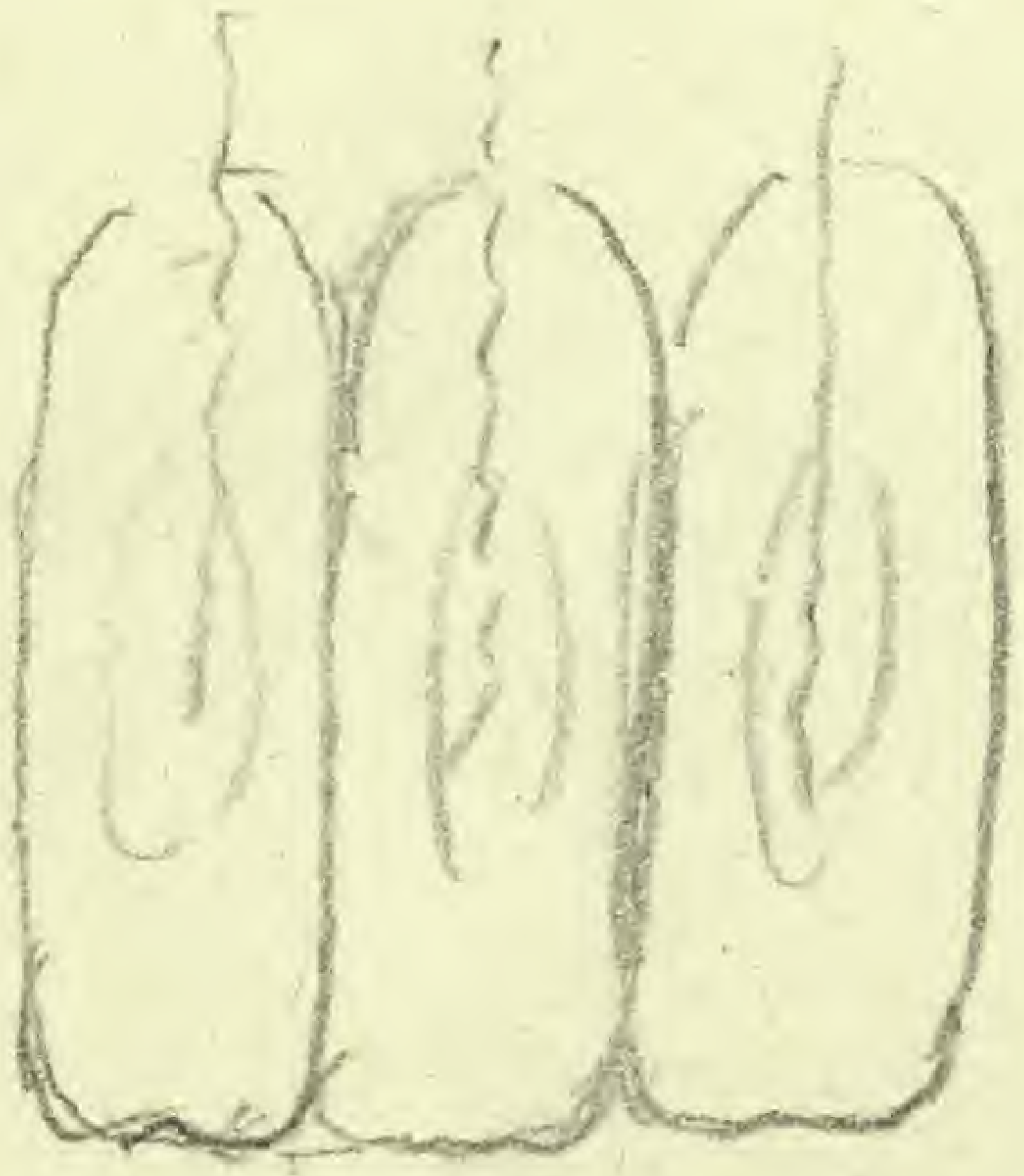
Dr Burrows Tampa Bay Florida
in Hb Torrey











ovule 0,28 mm thick

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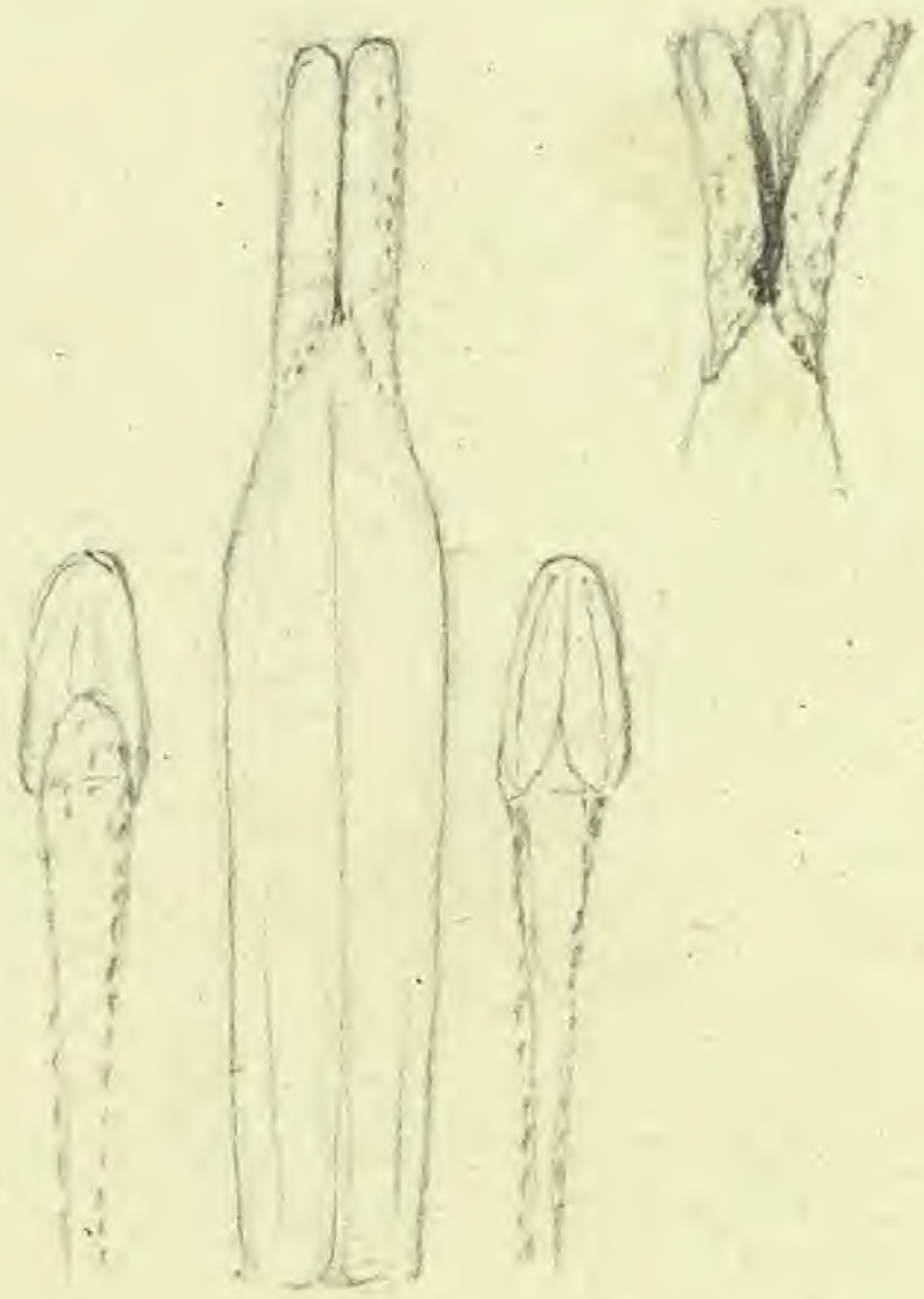
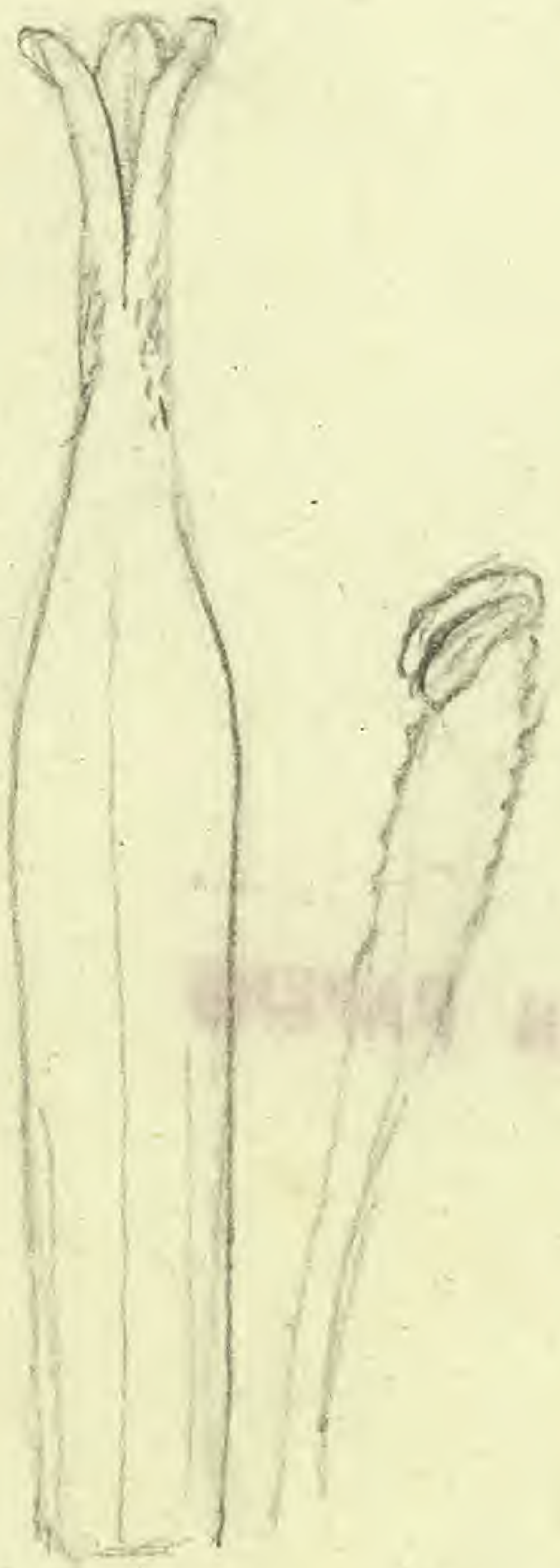
Leitch & Corliss
DRUGGISTS
South-west Corner Fifth and Market Streets

Yucca filamentosa ? Febr 10 1871

x2 Bluffton, Dr Mellichamp 1870



from a young bud



from an open flower

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DRUGGISTS
South-west Corner Fifth and Market Streets

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0 1 2 3 4 5 6 7 8 9 10 cm
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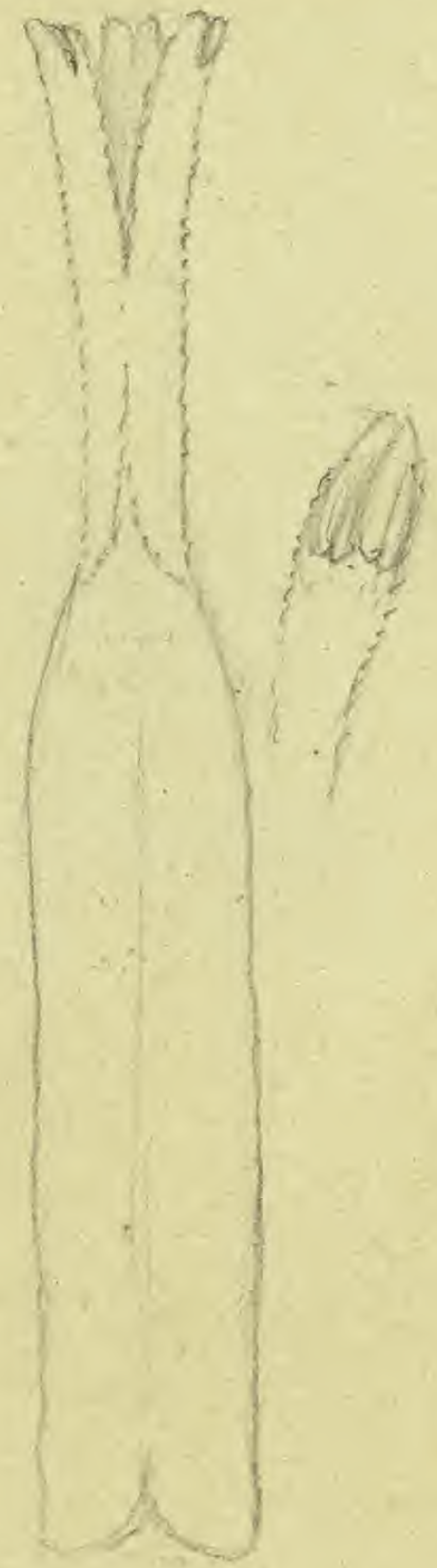
Y. filamentosa

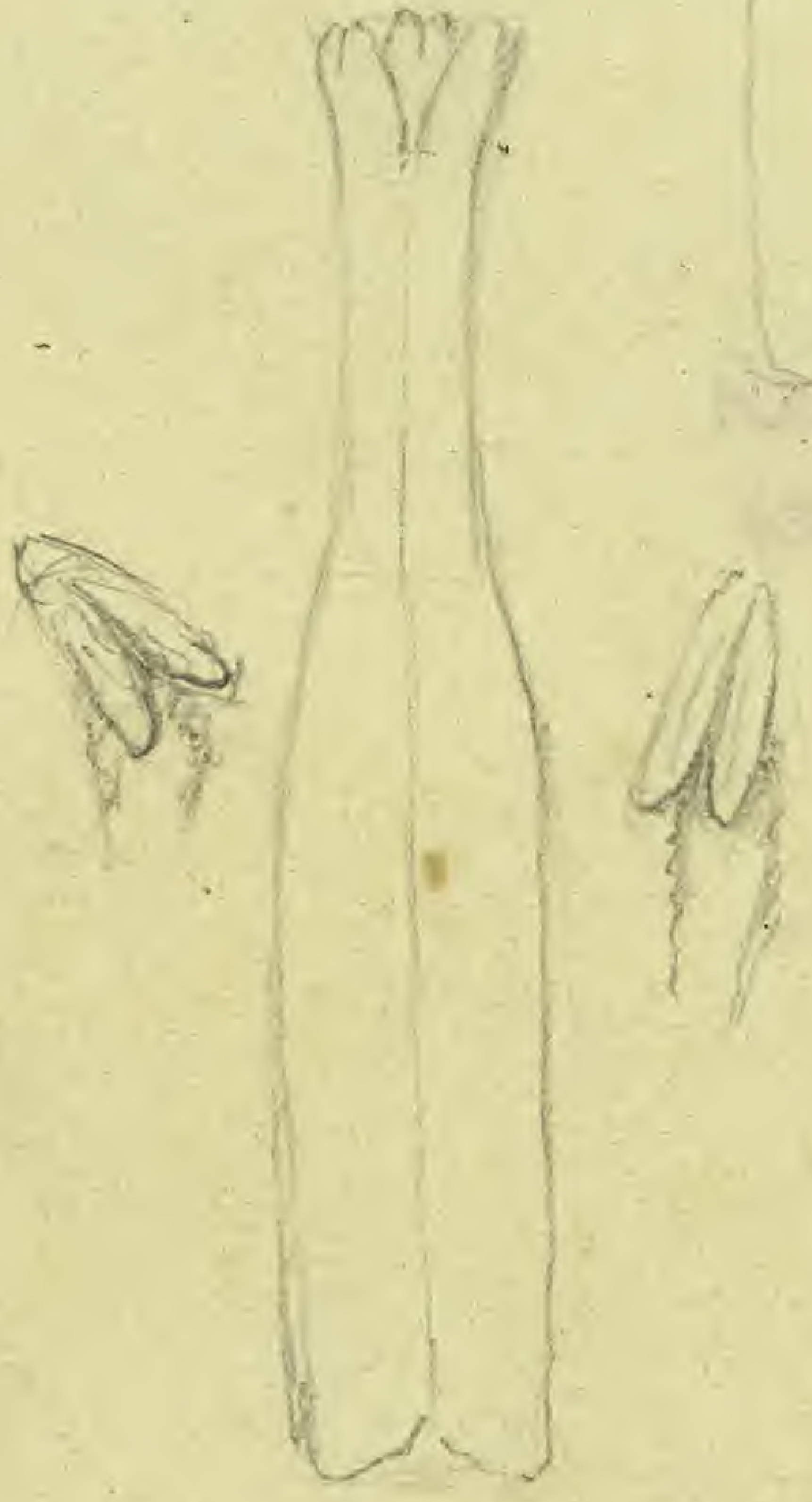
May 31 · 1871

Ravenel coll. May 10 1871

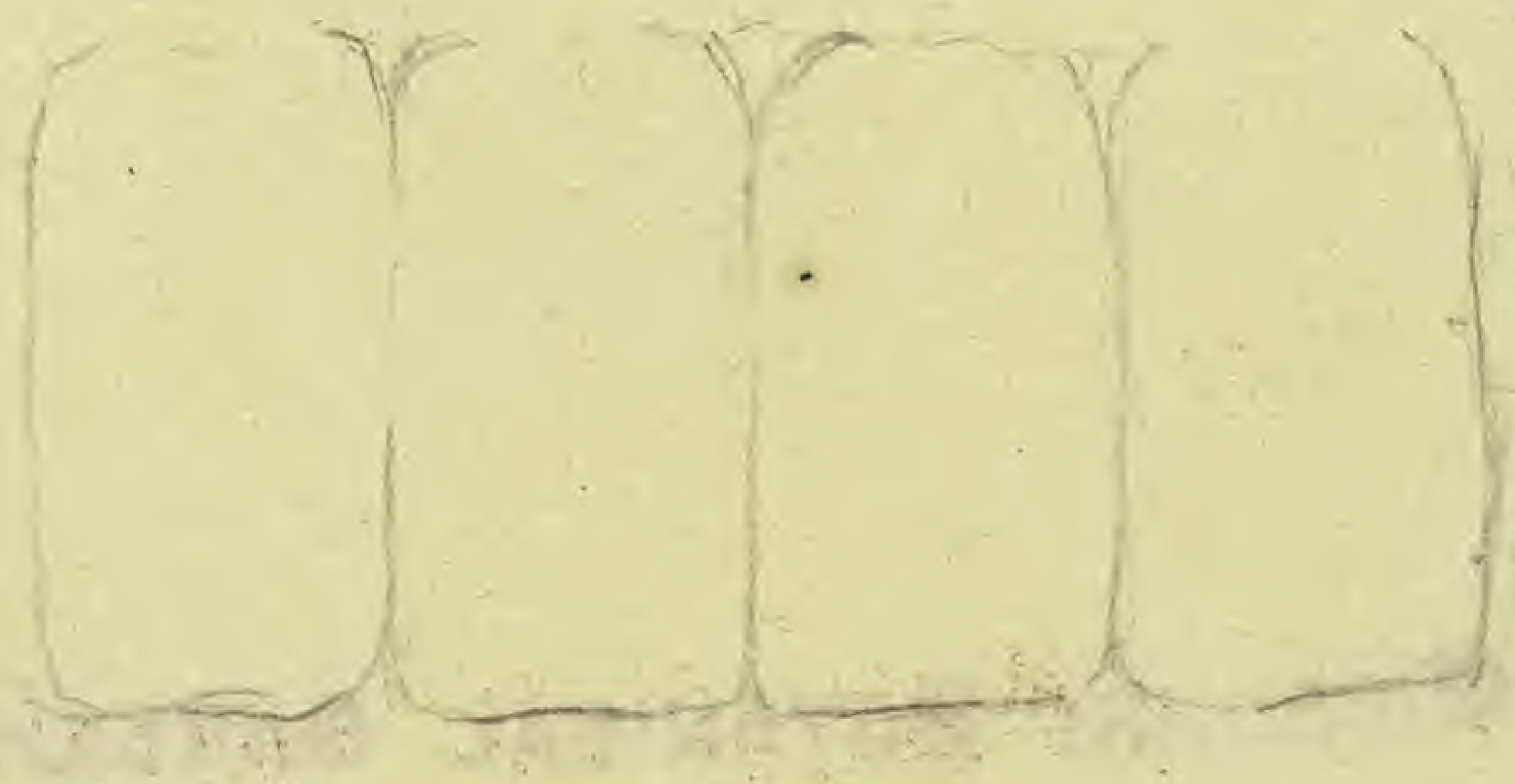
x2



1, open flower



2, bud of same



ovules of 1, open flower x 30

each 0.33 mm thick

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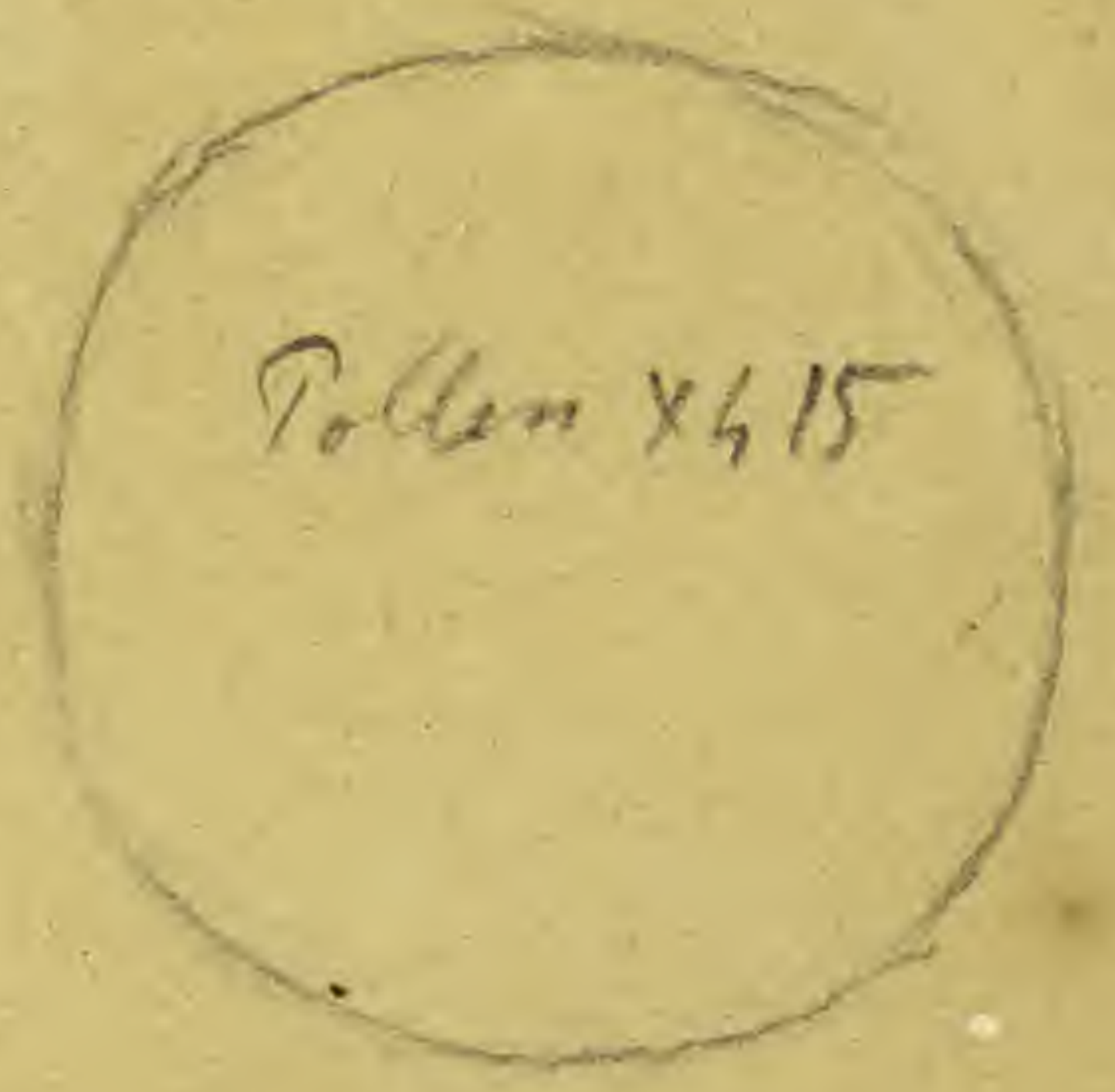
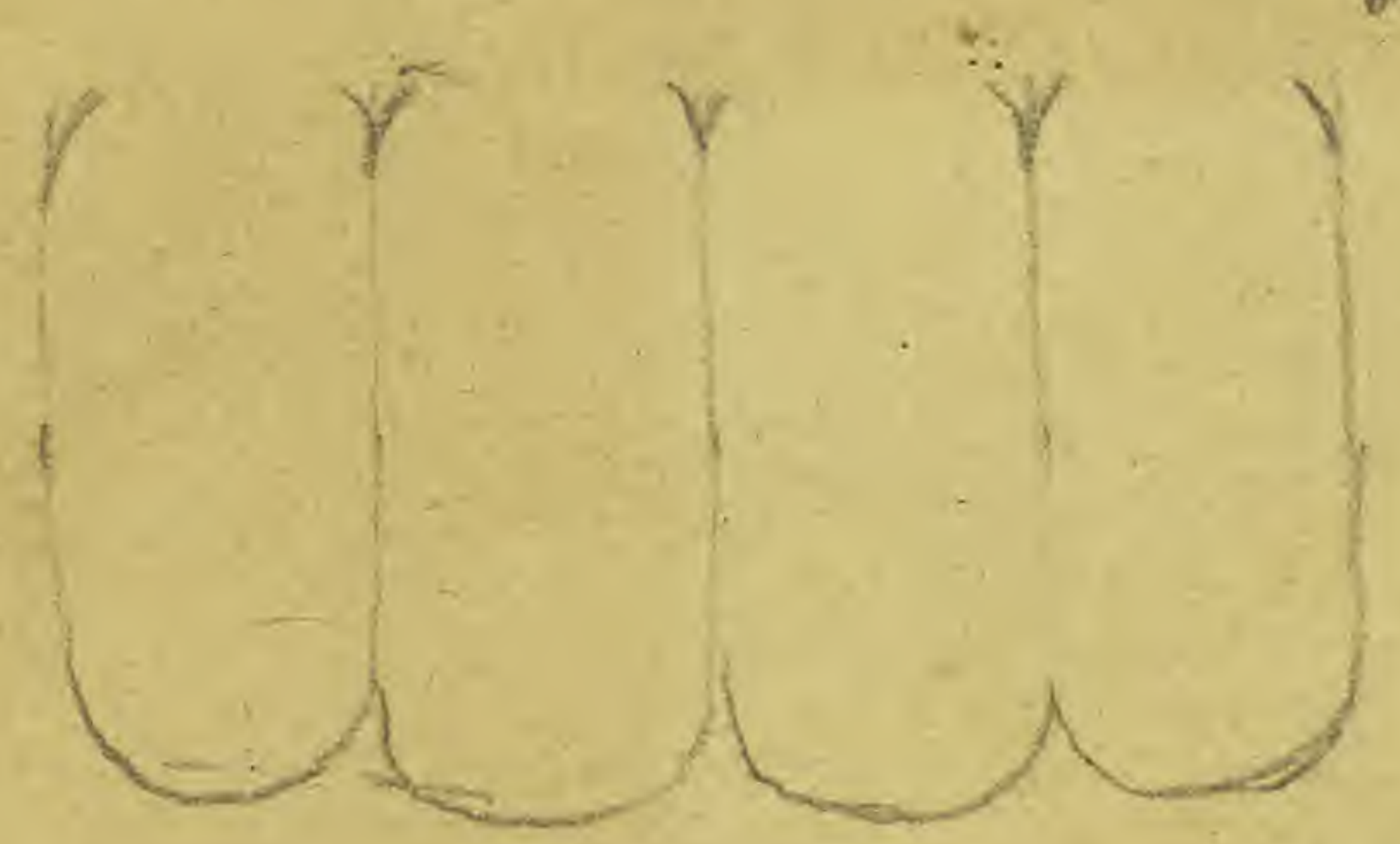
Y. filamentosa genuina July 22 1871

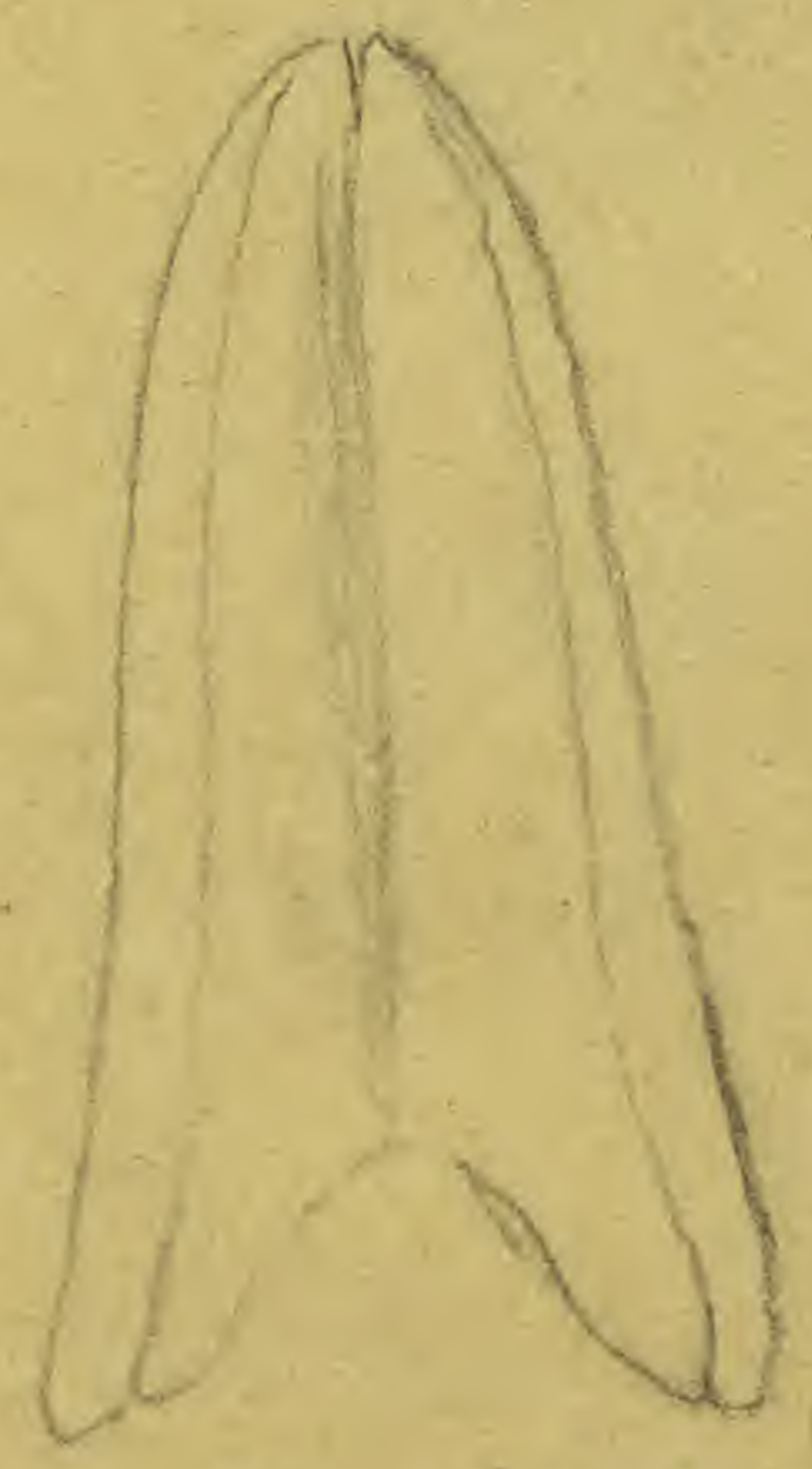
H. B. Cambridge July

A Gray mis. viv.

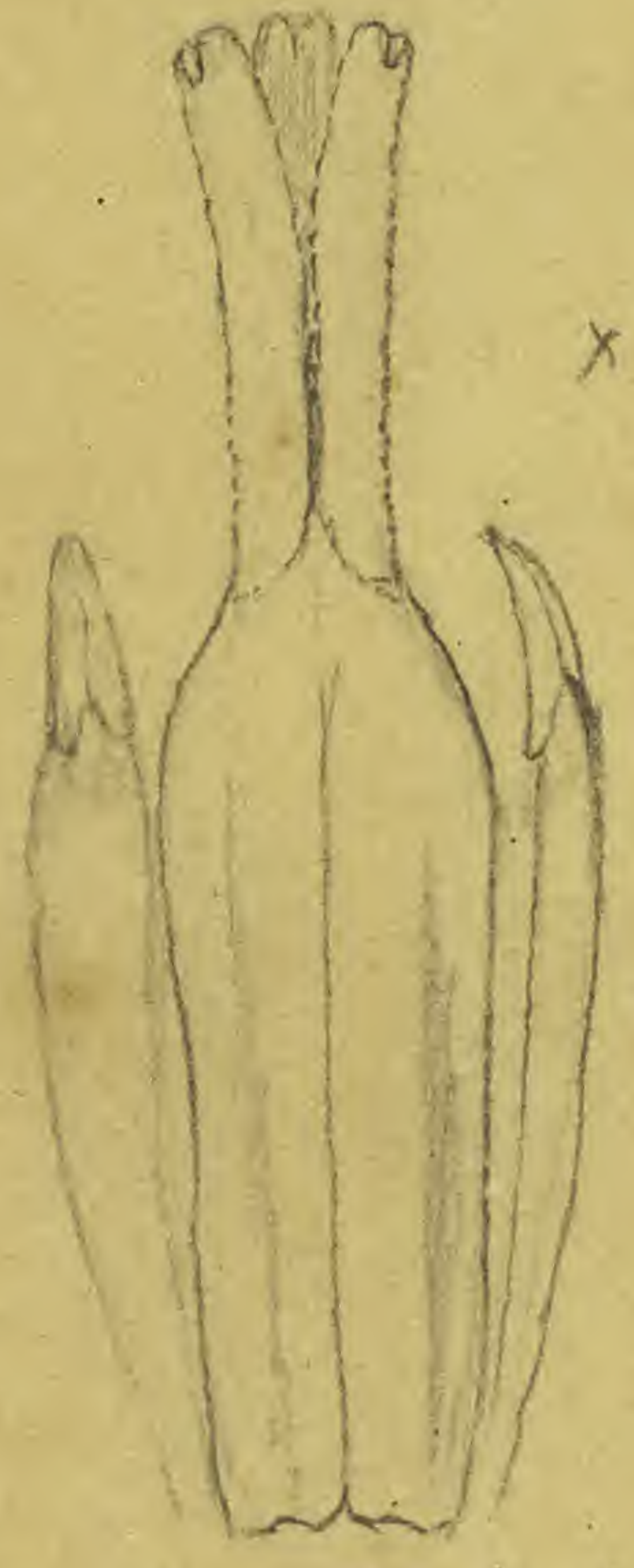




ovules x 30
each one 0.3 mm thick

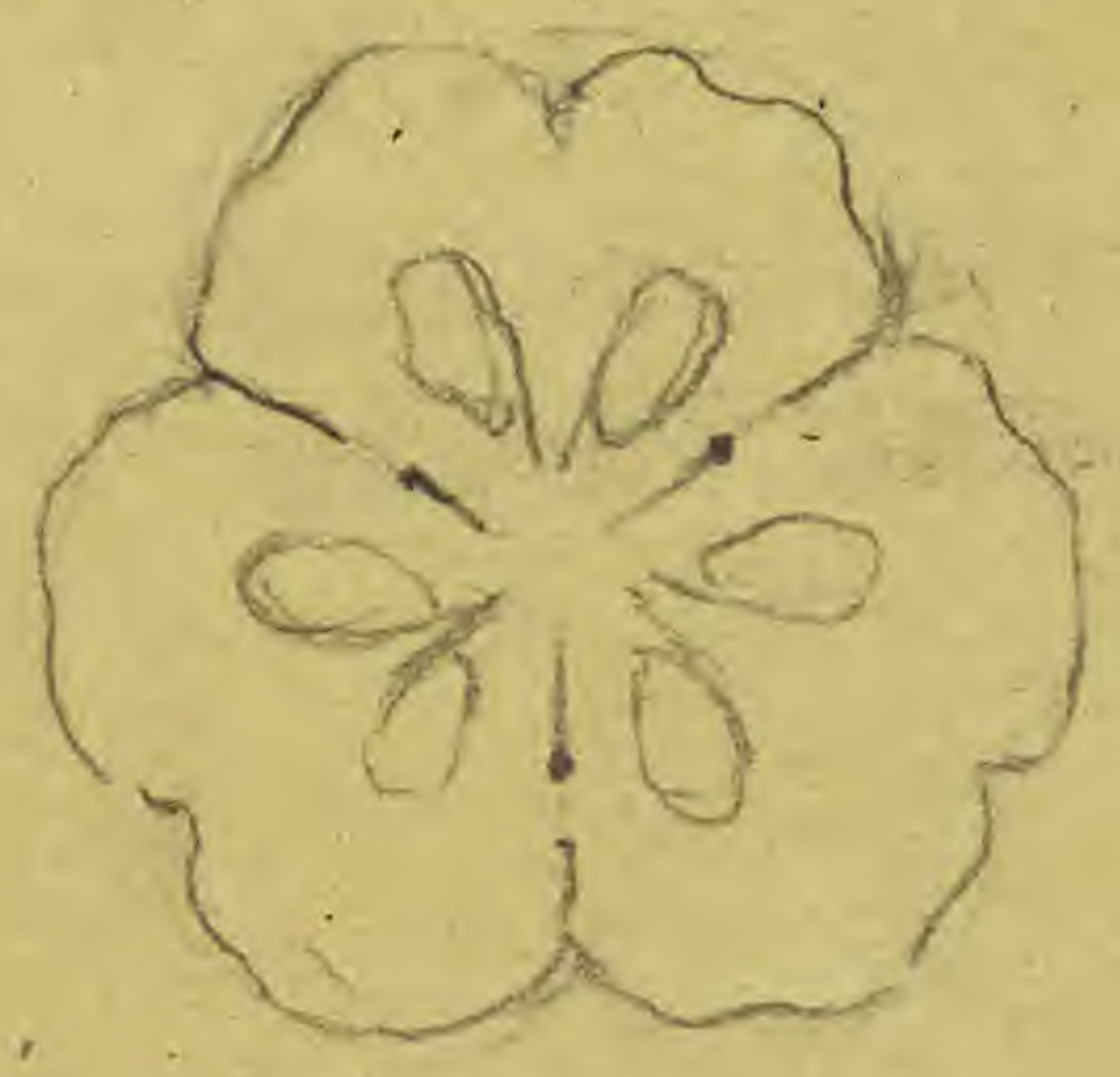


anther of bud
x10



x2

stigmata divided to base



sect. x4

pistil of full grown bud

8763

M. W. ALEXANDER,
South-east corner Fourth and Market Streets,
ST. LOUIS.

0 1 2 3 4 5 6 7 8 9 10
cm
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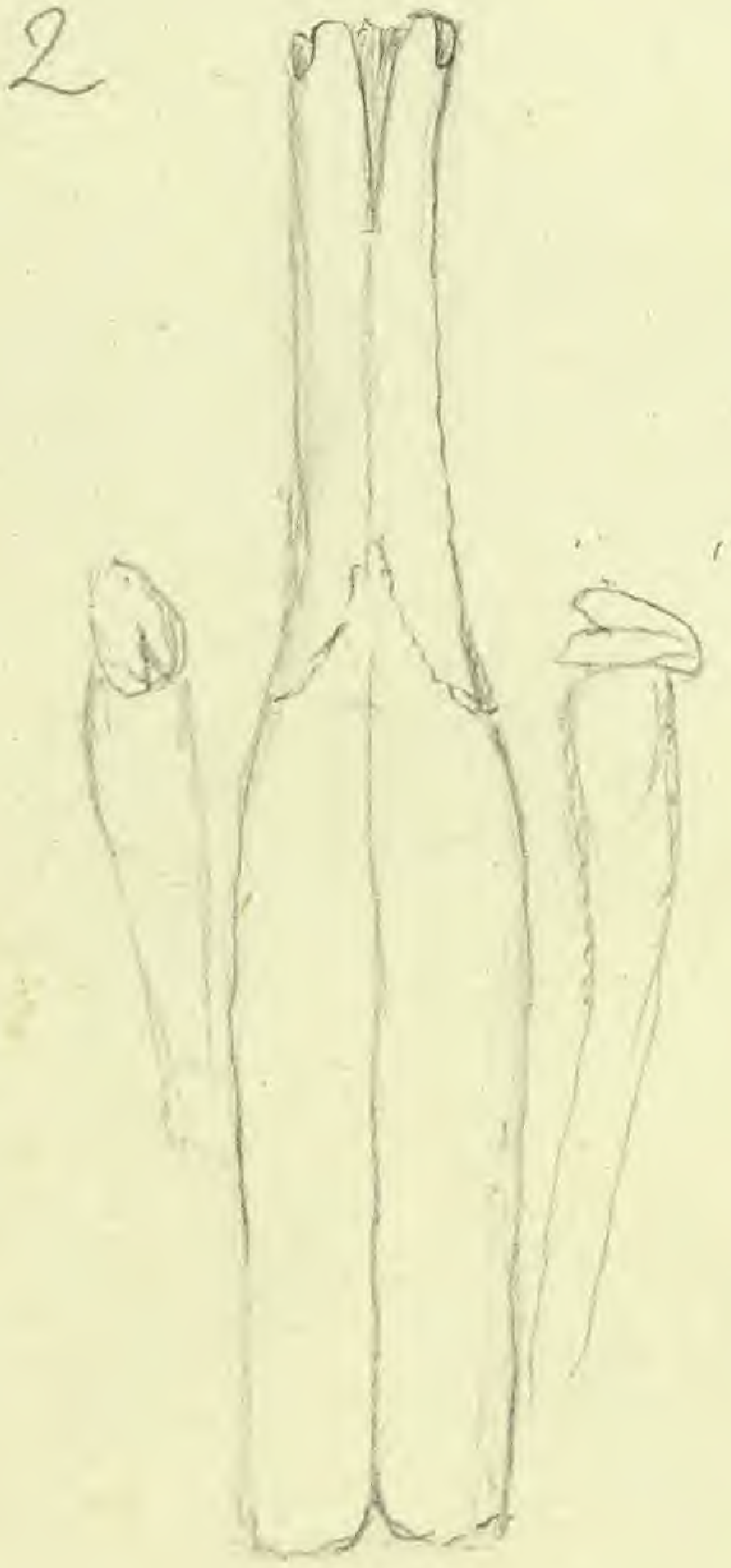
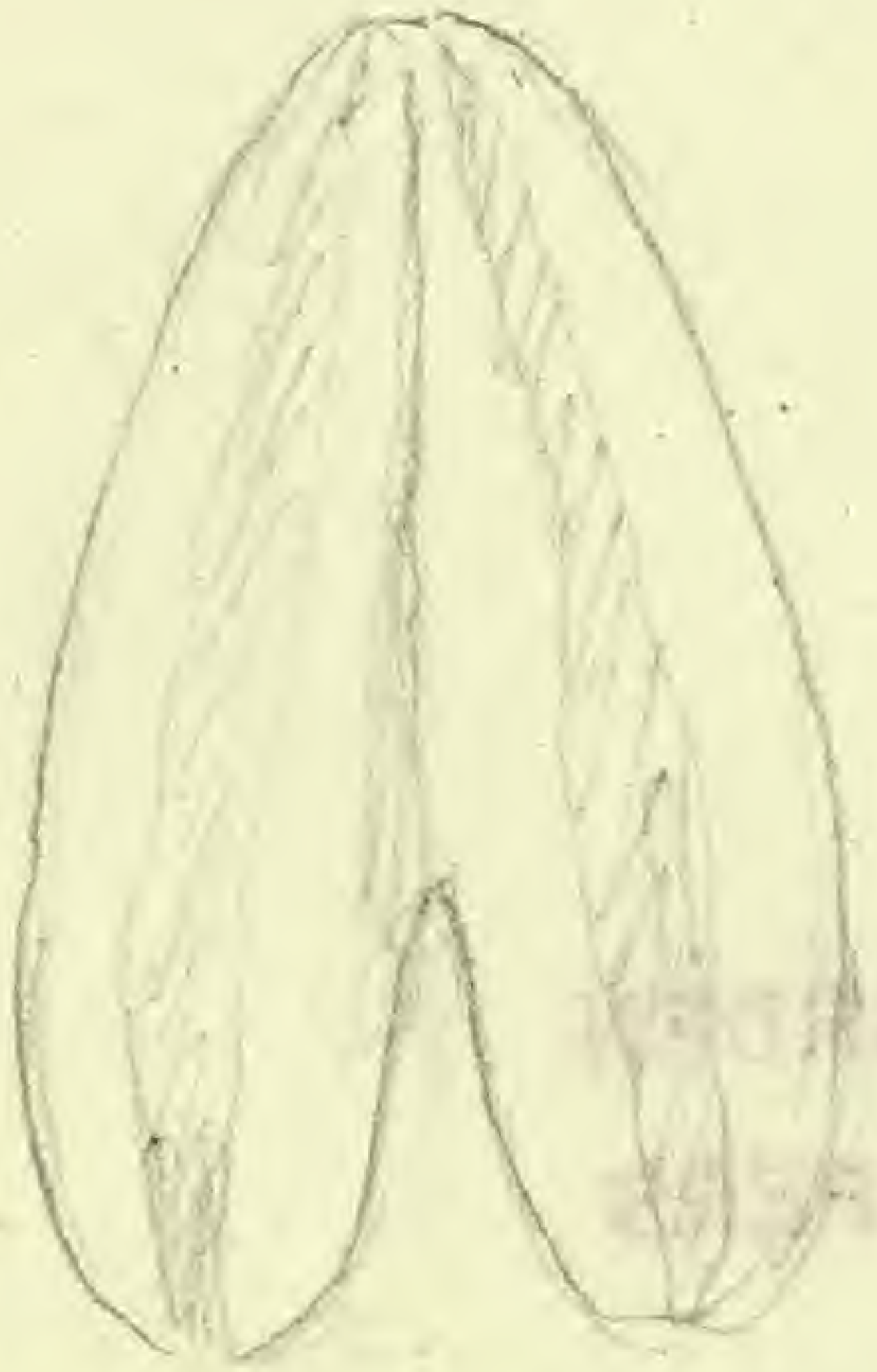
Yucca "filamentosa" June 25 1871
Old Washington, A Schott misit

x 2





anther, soaked
x10
entire upward

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Leitch & Corlies
DRUGGISTS
South-west Corner Fifth and Market Streets

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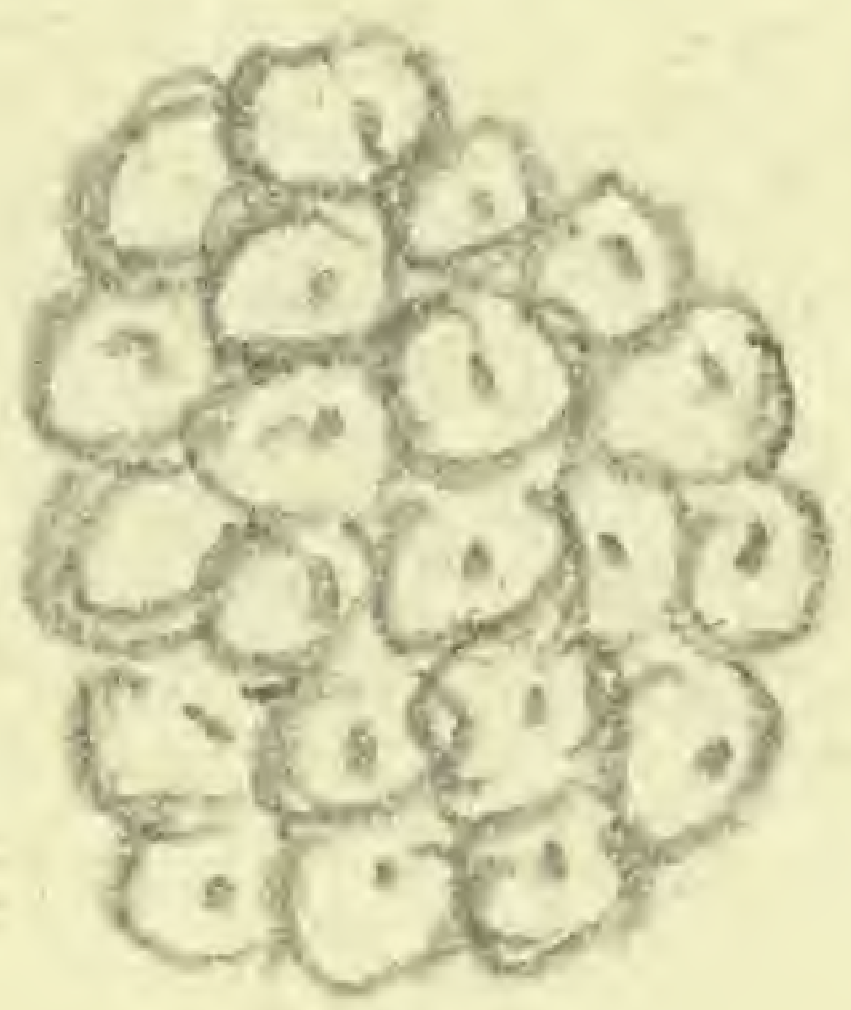
6 Yucca filamentosa

May 13 1872

Sandy fields near salt water
Hunting Island S.C.
Dr Mellichamp Jan 1871

x 150



surface of seed opaque
cells small, pitted

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Missouri
Botanical
Garden

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& Curtis
GISTS
Fifth and Market Streets

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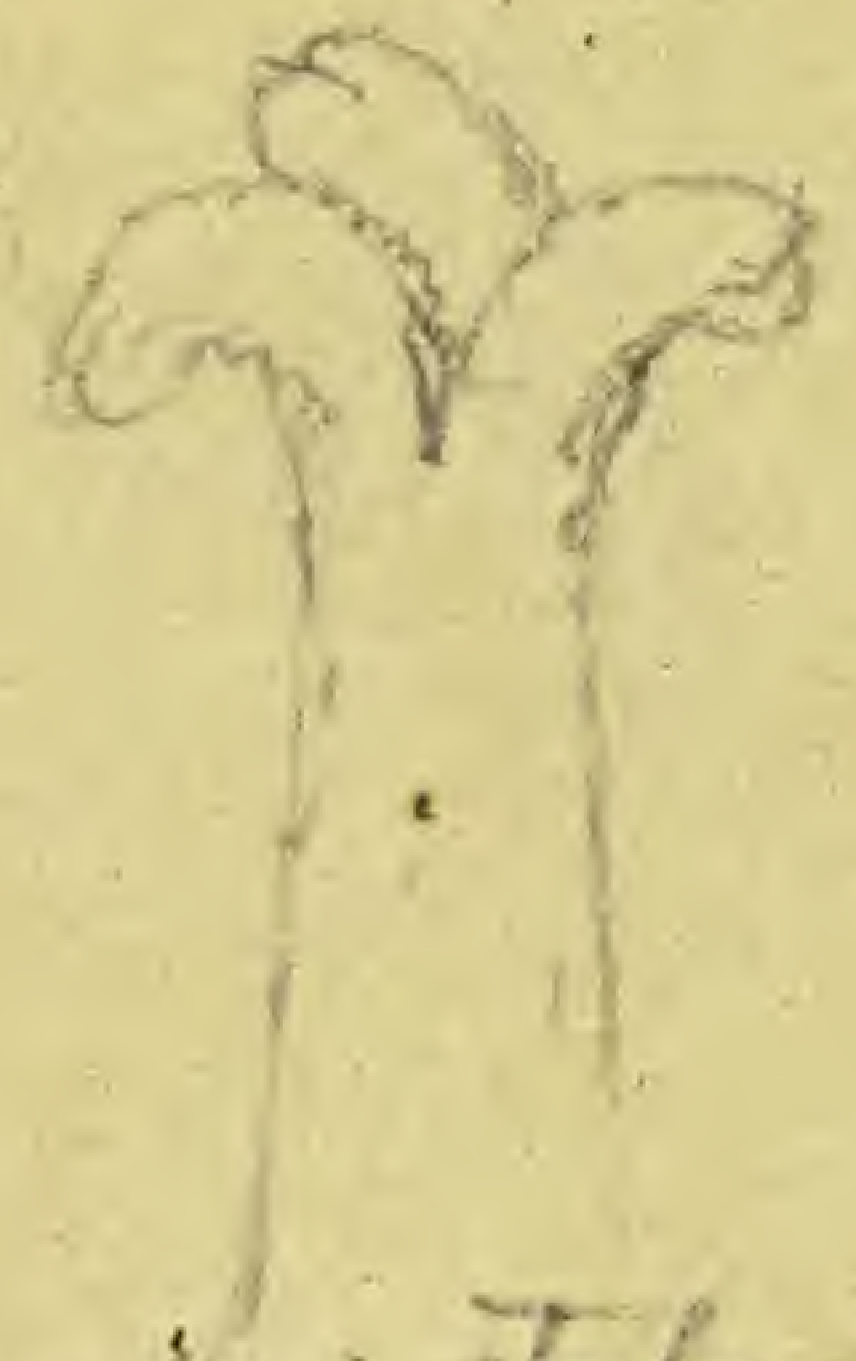
Yucca No 1

Bluffton, Dr Mellichamp Dec 1872



Soaked style of yg fruit
×4

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ITCH,

ARMACEUTIST,

Olive Sts. St Louis, Mo.

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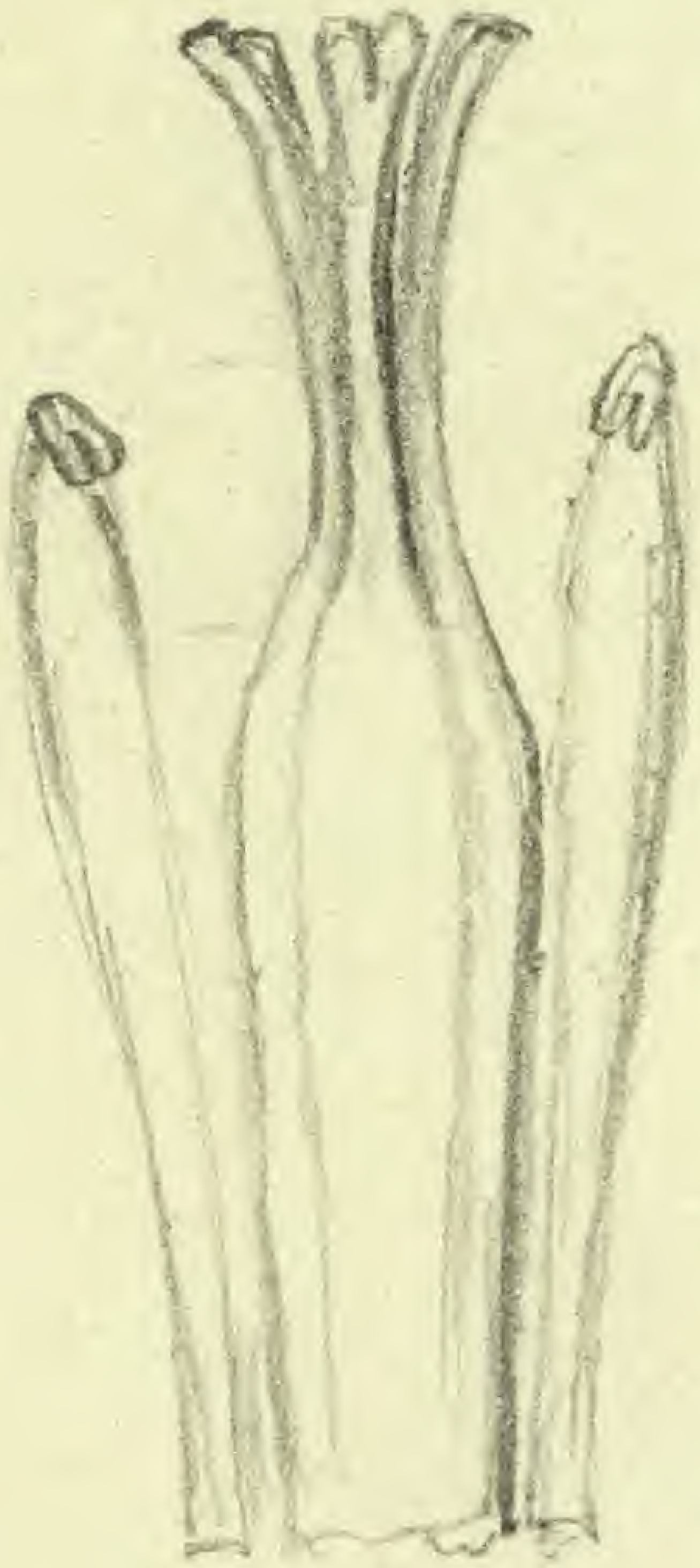
Yucca No. 1 June 1st 1872

(the earliest flowering one)
probably the true Y. filamentosa
gathered Bluffton May 26th 1872
flower fresh but somewhat
pressed – stigmas pressed, dry and
shrivelled



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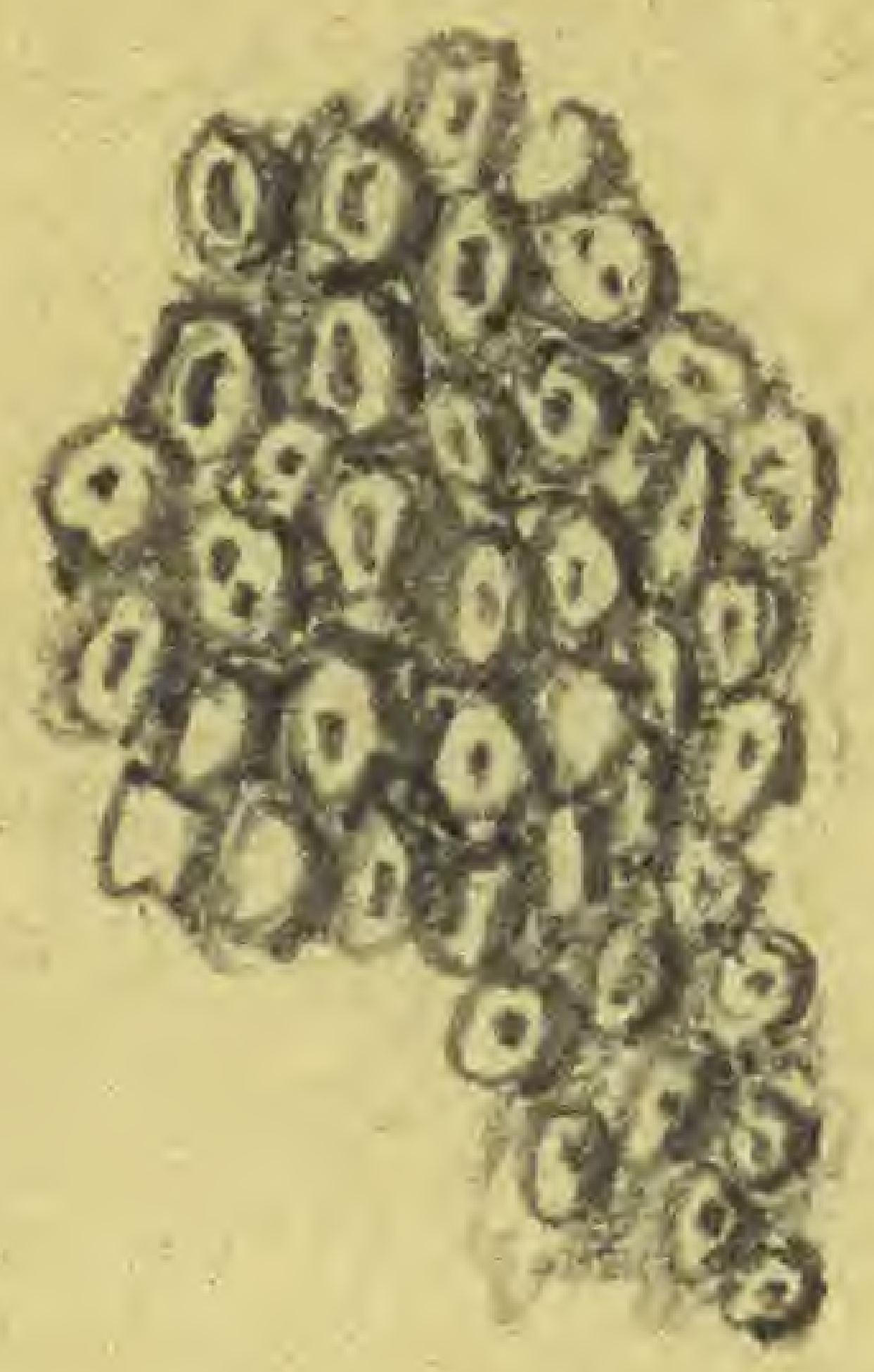
DRUGGISTS
South west Corner Fifth and Market Streets

Y: No. 1

Bluffton Aug 1872

Aug 15 S 1872



x150

middle of [illegible]
fertile seed

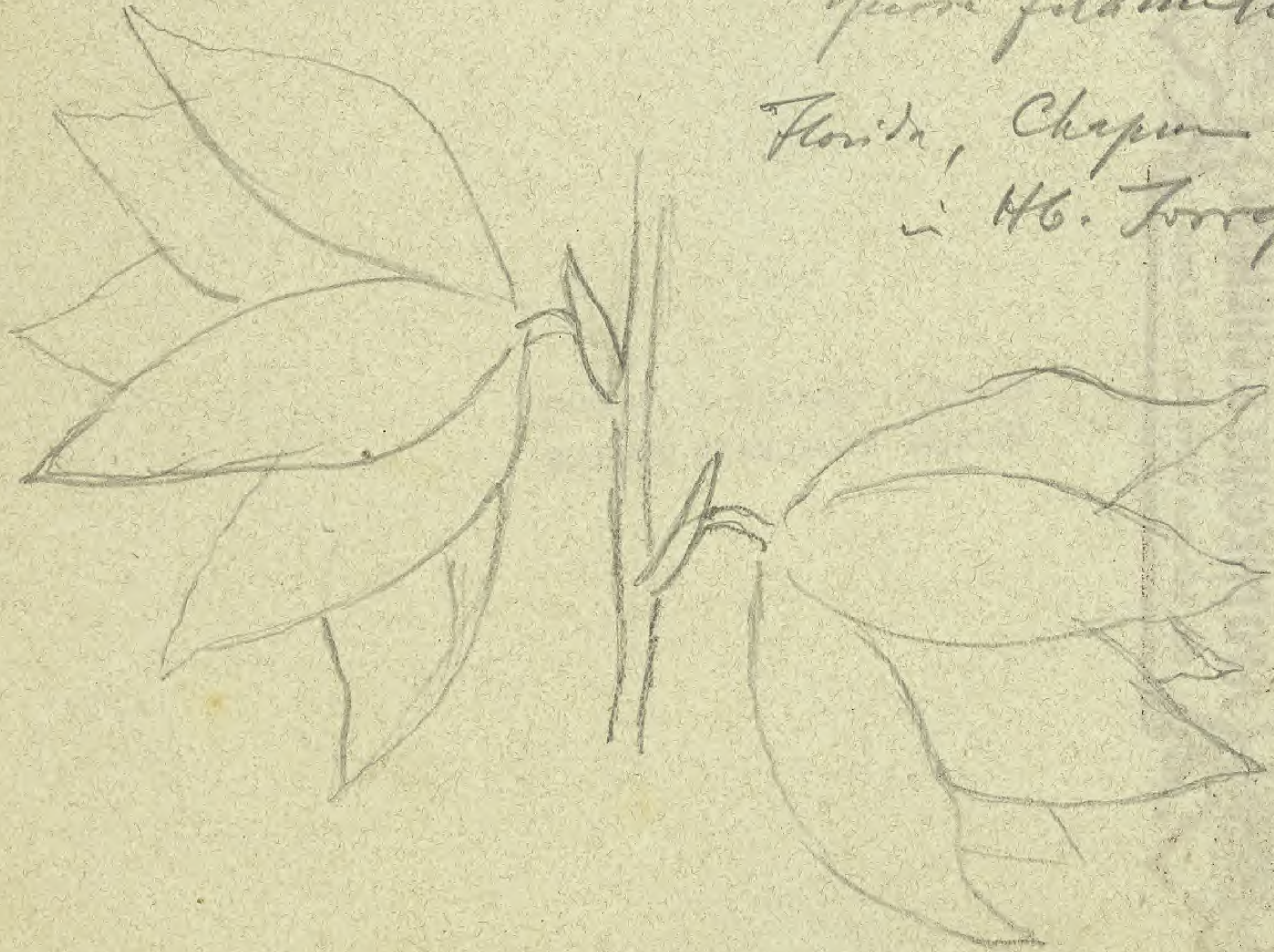
8768

LEITCH,
PHARMACEUTIST,
urth & Olive Sts. St. Louis, Mo.

Branches of inflorescence pubescent

Yucca filamentosa !

Florida, Chapman !
in Hb. Torrey



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CHEMIST.

A

ALEX. LEITCH,

APOTHECARY & CHEMIST,

Cor. 4th and Olive Sts., St. Louis.

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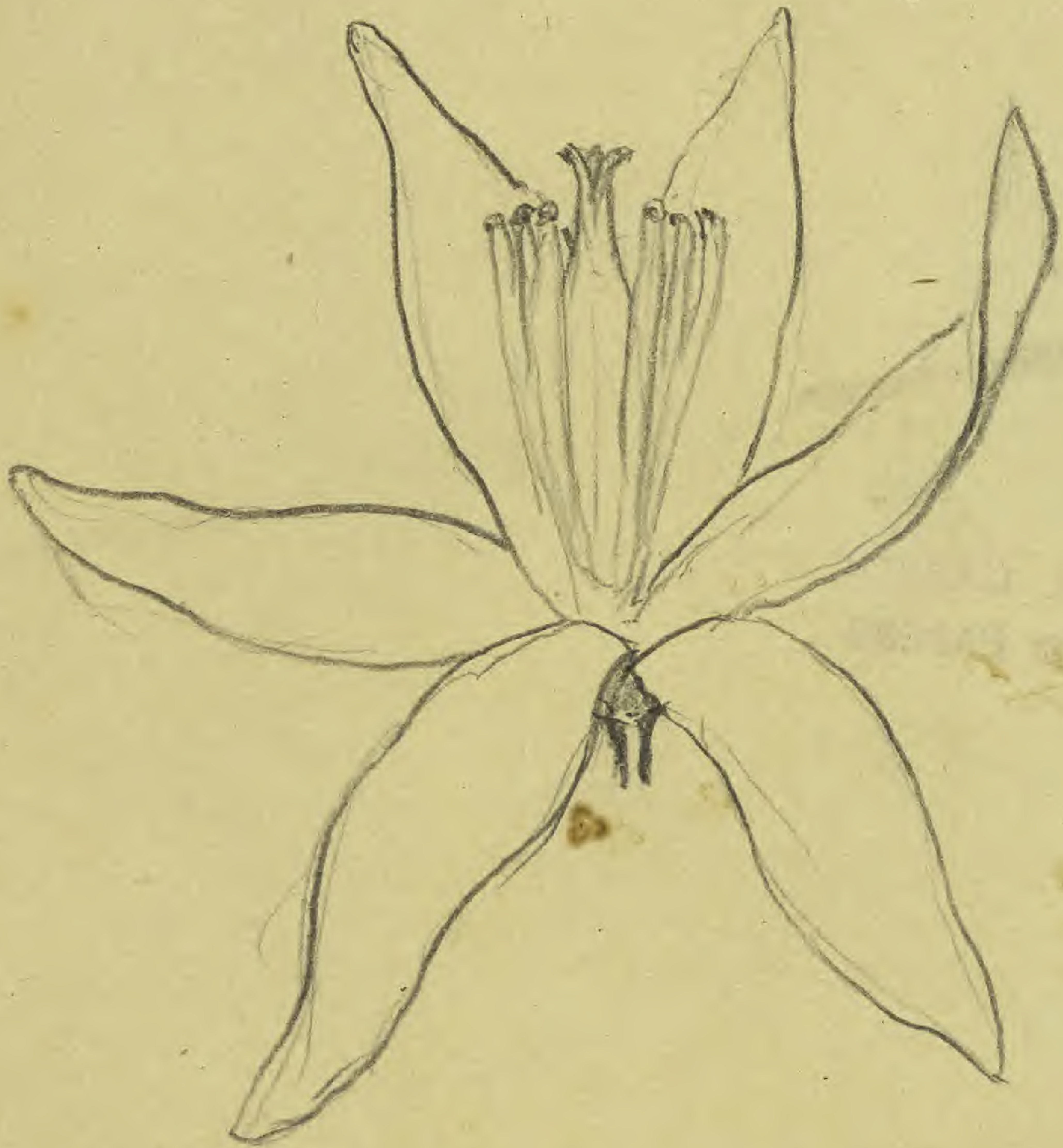
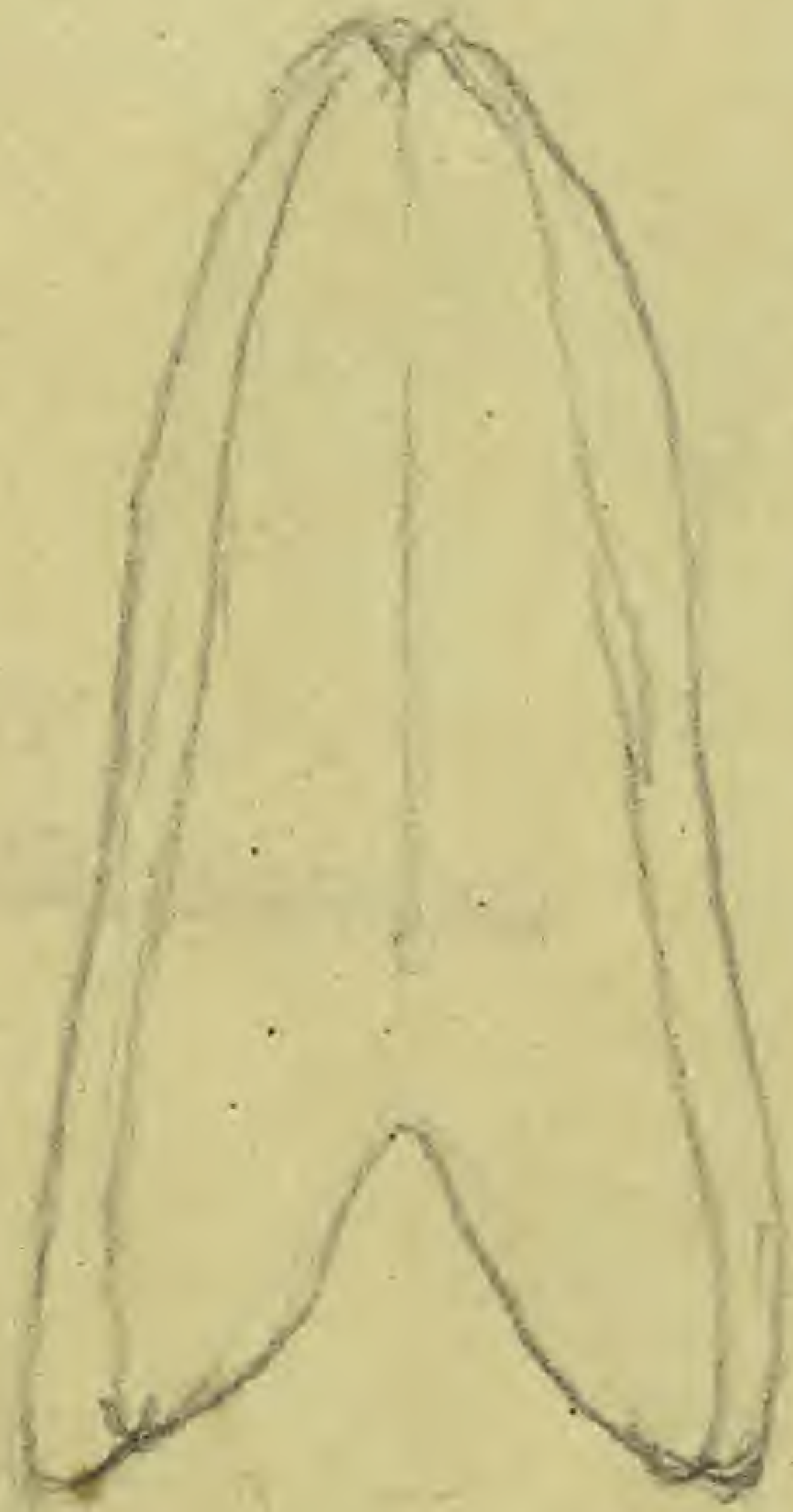
Yucca filamentosa latifolia

May 27 1873

Stiles point, Charleston

Dr Mellichamp, May 22' 1873





anther X10

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APOTHECARY & CHEMIST,
Cor. 4th & Olive Sts., St. Louis.

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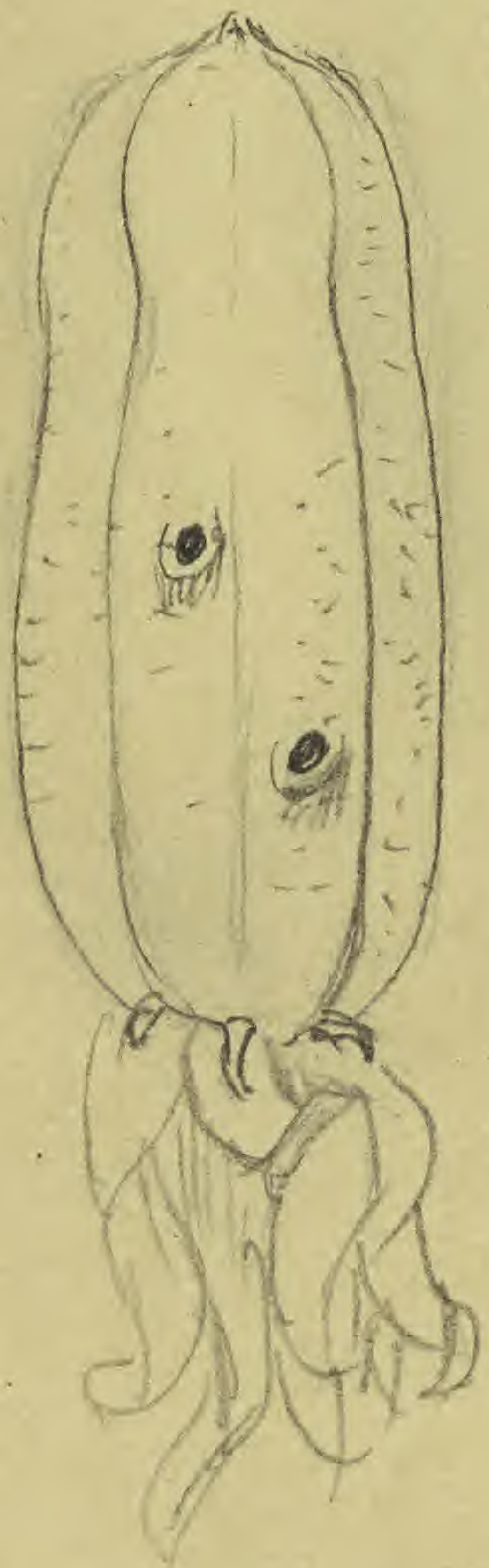
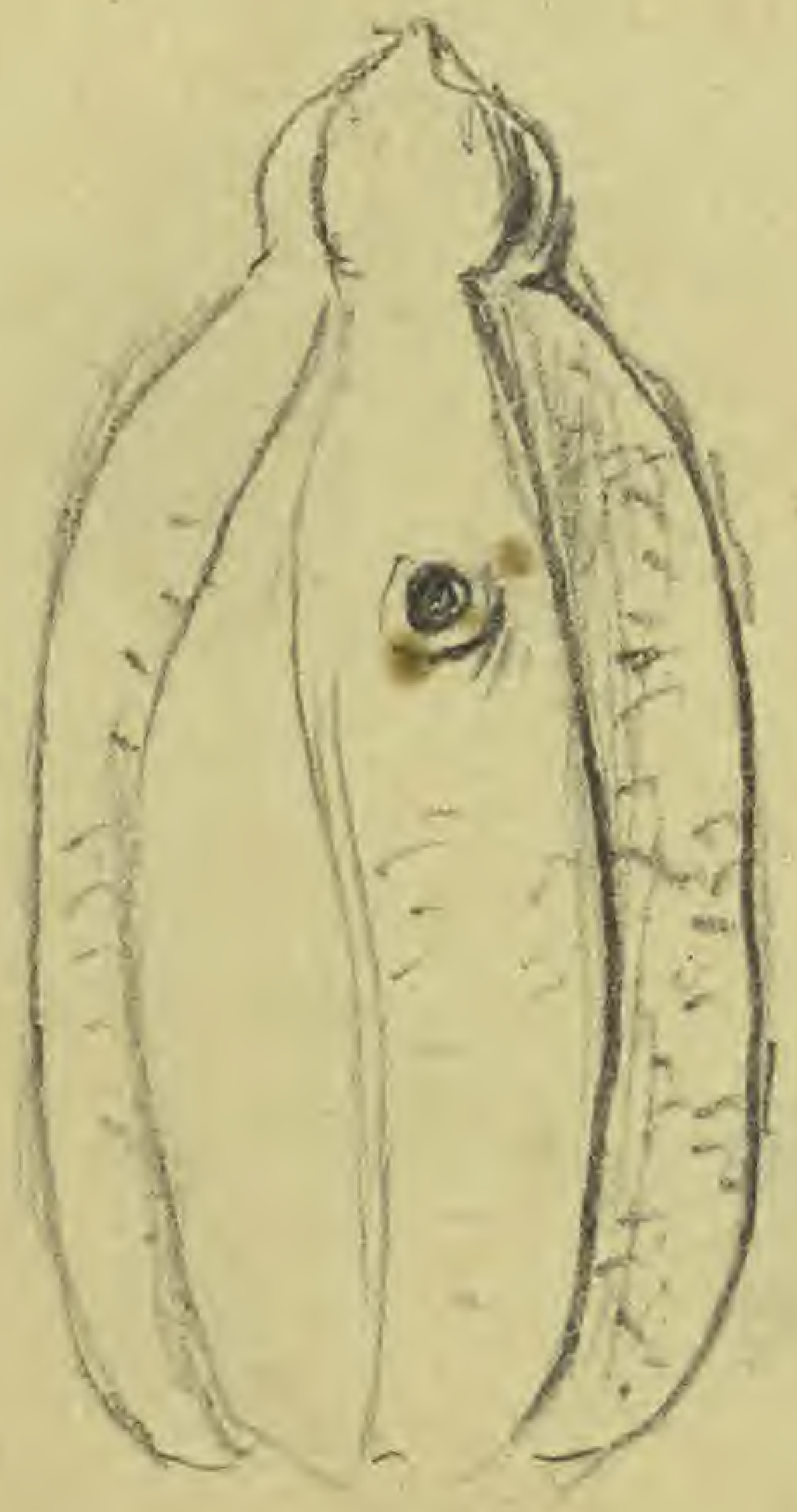
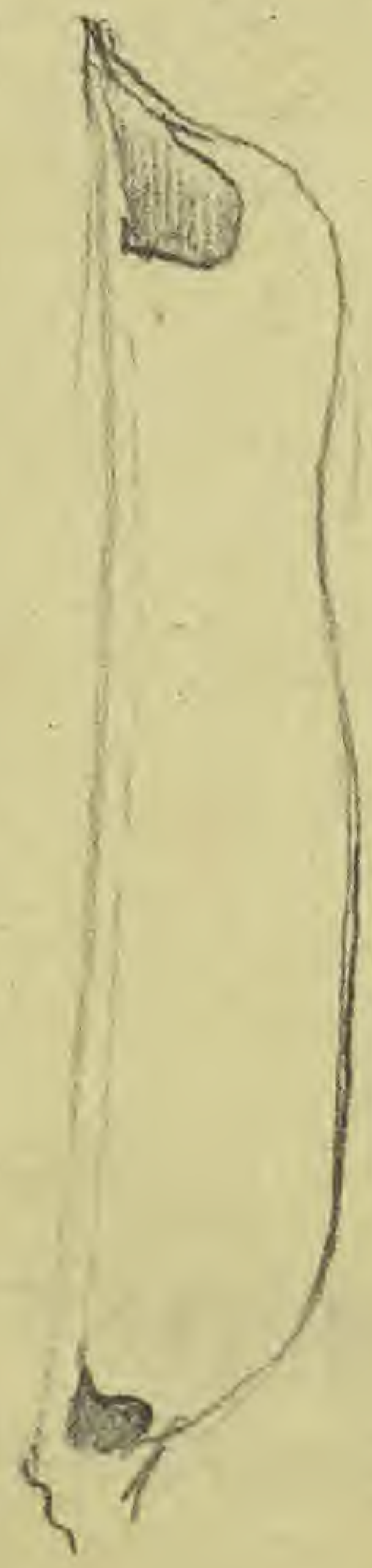
Y. filamentosa latifolia July 23 1873

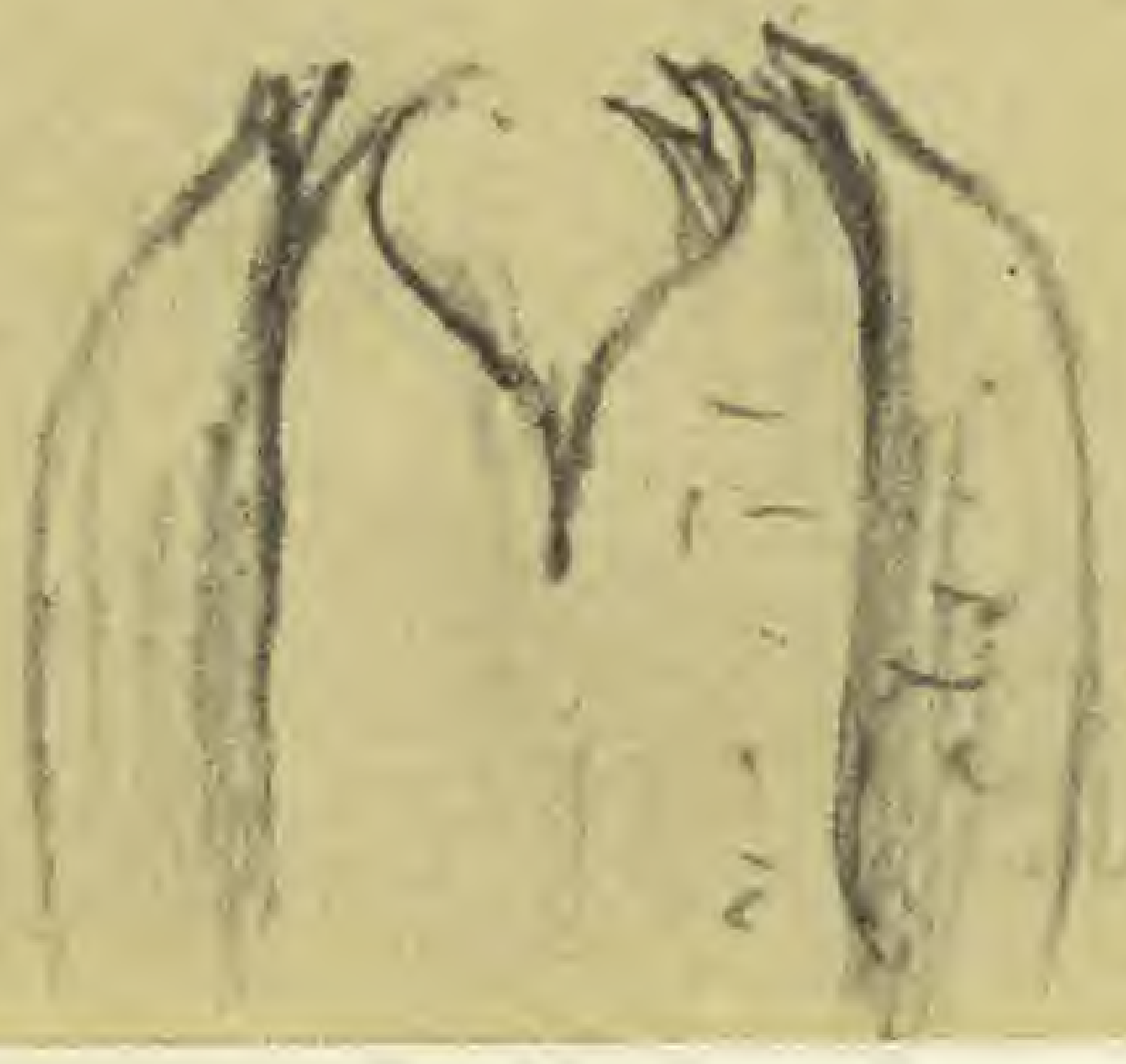
Daufuskie Island S.C. Dr Mellichamp
July 17 1873

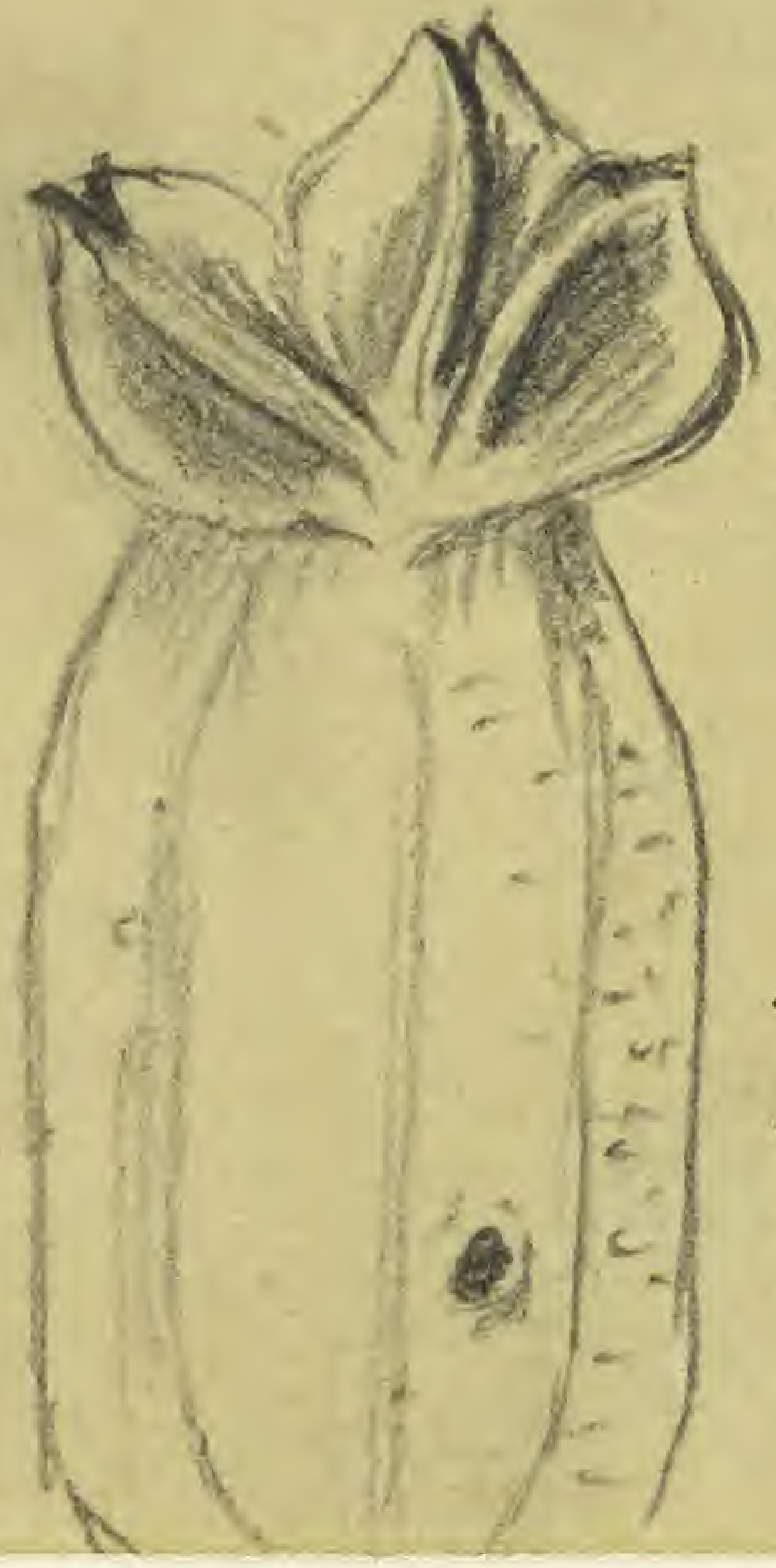




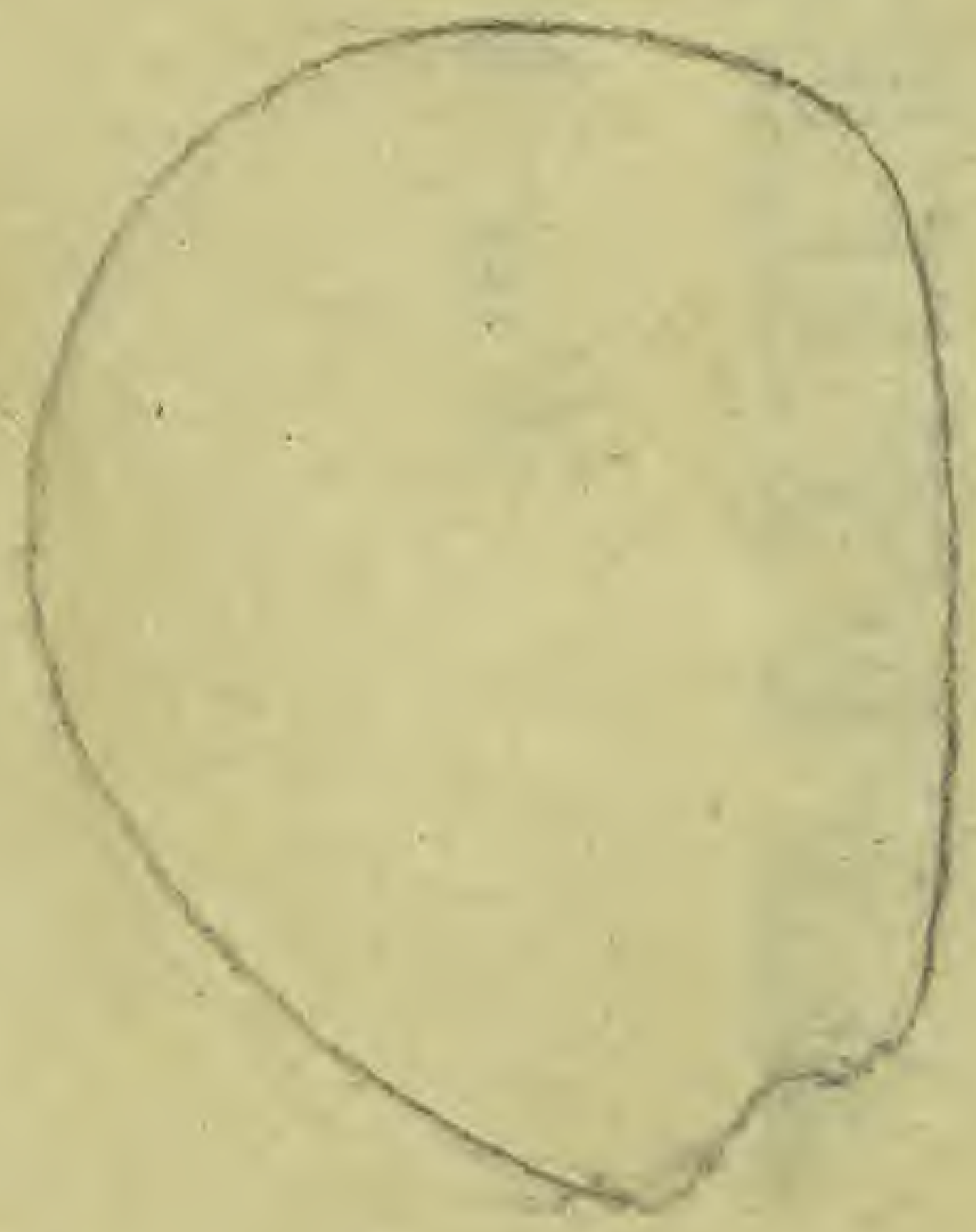


Secondary dissepiment
reaching middle
slightly incomplete
above, less so
below

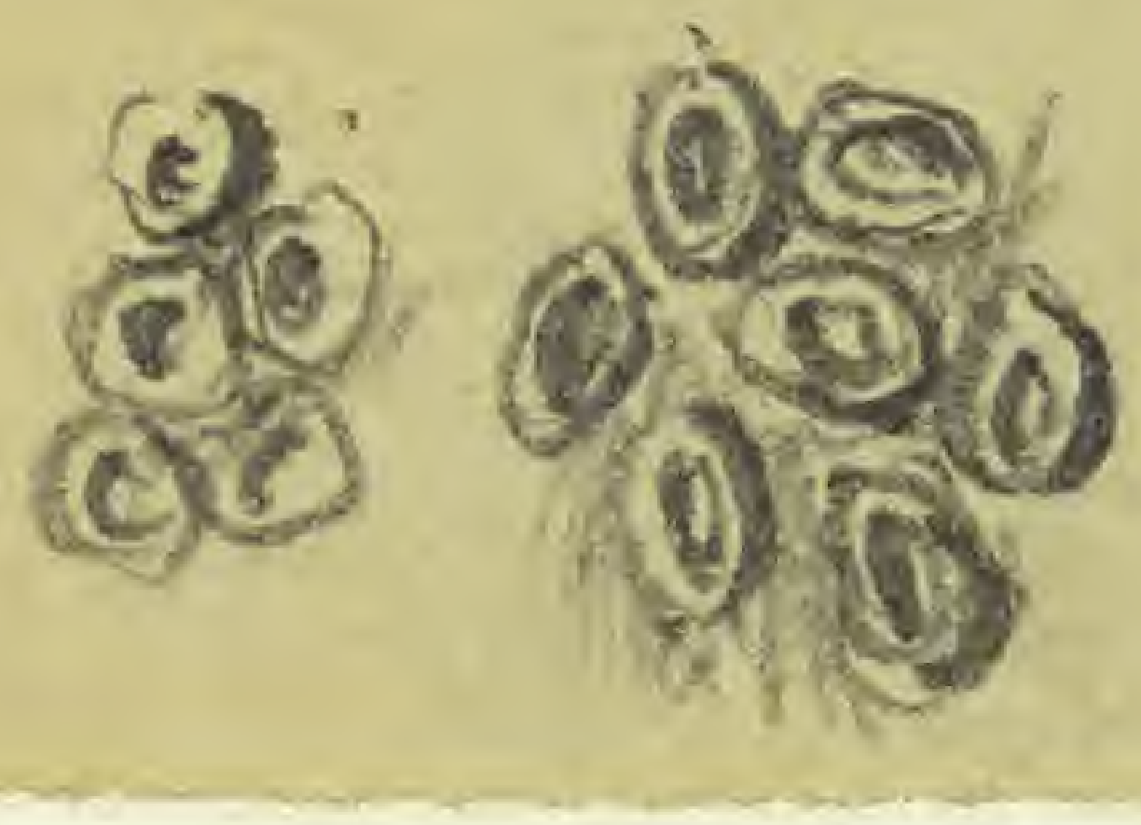




dehiscence
incomplete
more loculicidal
than septicidal



seed ×4



surface of seed
×150

8771

Alex. Leitch,

APOTHECARY & CHEMIST,

Cor. 4th & Olive Sts., St. Louis.

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MISSOURI
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"Yucca filamentosa"
Bluffton S. Carolina
Dr Mellichamp
Nov 1870

not distinct from the leaves of the St Louis plant. fibres very thin, leaf gradually tapering to tip.

8772

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Missouri
Botanical
Garden

Y. filamentosa
genuina, latifolia

308-318

Leaves of the plant from Charleston (Style's point) rougher, coarser, paler green, than in other filamentosae (Dr Mellichamp Jan 15 1871) trunk of 4-6 inches

Lowest leaves broadest shortest and most obtuse.
Dr Mellichamp

Leaves 40-60 at Fort Motte (Dec 13 1871)
25-50 at Buck Island (May 1872) ~~close by~~ Y. parvifolia No 2
flowered at Stiles Point - latter part of April ~~20~~ 1871 "flowers same time as No 1"
stamens as long as styles
filaments on leaf coarser than in any other of the S. Carolina capsular yuccas, abundant.

July 19' 1873 Very common on the beach of the Island of Daufuskie S. Carol. (fruit now almost ripe, false dissepiments almost complete) mixed with Y. gloriosa, from lower plants of which scarcely distinct at first sight. — This is the only filamentous yucca on the beach; besides this, gloriosa & aloifolia here.

Europ. austr.

H. Saltzm. 1825

8773

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